



April 25, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 7-19-9-16, 10-19-9-16, 11-19-9-16,
14-19-9-16, 15-19-9-16, 16-19-9-16, 15-21-9-16, 16-21-9-16, 10-22-9-16, and
15-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 11-19-9-16, 14-19-9-16, 10-22-9-16, and 15-22-9-16 are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

APR 26 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

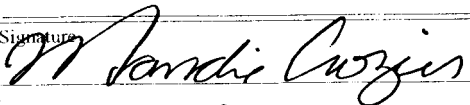
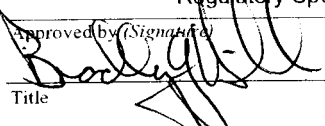
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 7-19-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NE 1958' FNL 2161' FEL 571720X 40.618355 At proposed prod. zone 4429923Y -110.159595		9. API Well No. 43-013-33158
10. Field and Pool, or Exploratory/ Monument Butte 105		11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 19, T9S R16E
14. Distance in miles and direction from nearest town or post office* Approximatley 15.1 miles southwest of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 682' f/lse. NA f/unit		13. State UT
16. No. of Acres in lease 1626.36		17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1205'		20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6137' GL		22. Approximate date work will start* 3rd Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to ng release		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-27-06
Title Officer	Officer ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

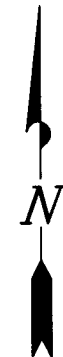
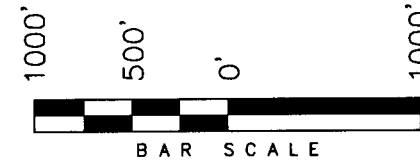
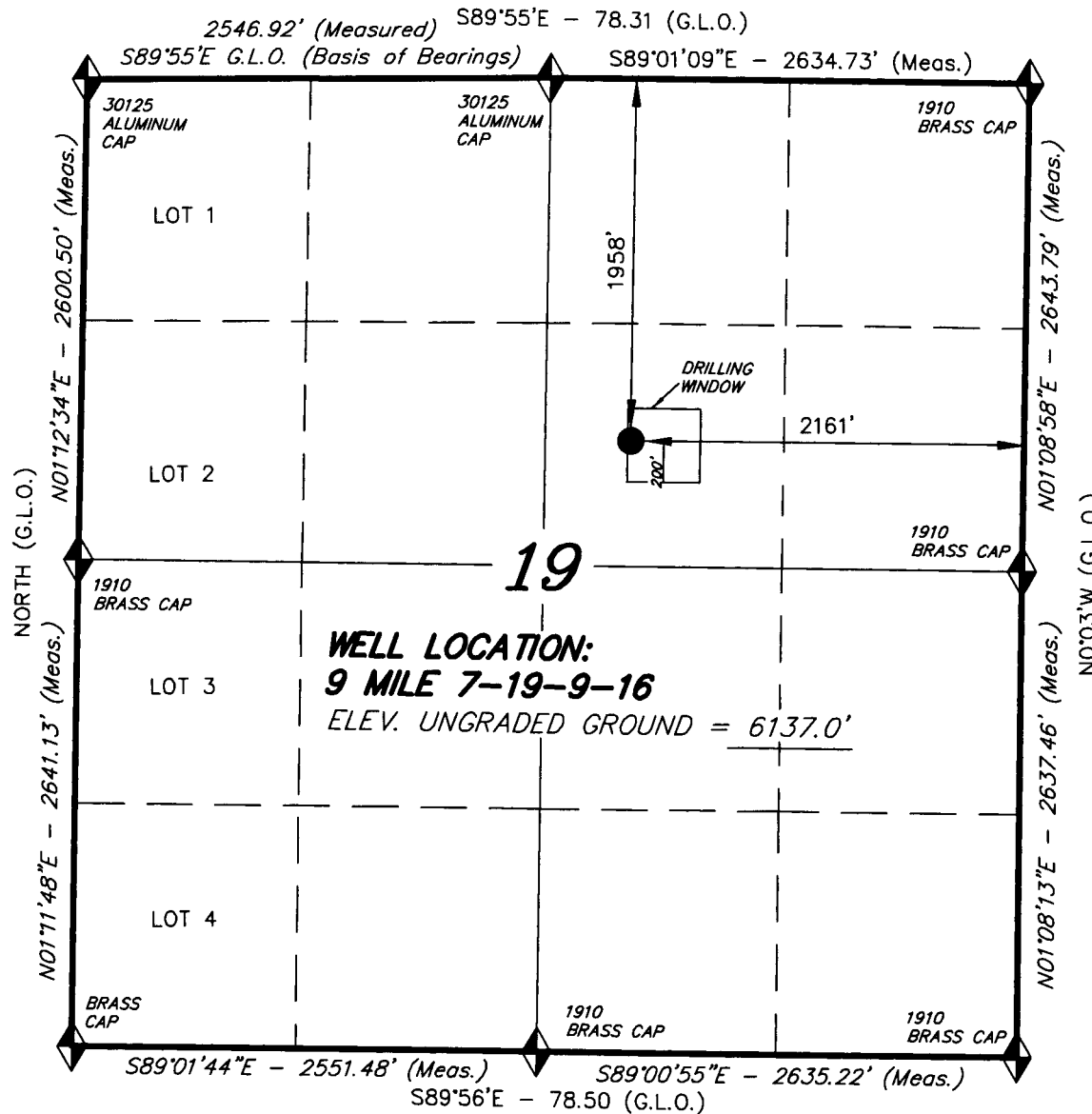
Federal Approval of this
Action is Necessary

RECEIVED
APR 26 2006
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-19-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED
BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 05.82"
LONGITUDE = 110° 09' 37.38"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
FEDERAL #7-19-9-16
SW/NE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2335'
Green River	2335'
Wasatch	6050'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2335' – 6050' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #7-19-9-16
SW/NE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-19-9-16 located in the SW 1/4 NE 1/4 Section 19, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 12.0 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 1.1 miles \pm passing the 15-19-9-16 and 10-19-9-16 locations to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #7-19-9-16 Newfield Production Company requests a 2480' ROW be granted in Lease UTU-74391 and 1210' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 2480' ROW in Lease UTU-74391 and 1210' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 300' ROW in Lease UTU-70821, a 1,065' ROW in Lease UTU-44429, and 555' of disturbed area be granted in Lease UTU-075174 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs /acre

Details of the On-Site Inspection

The proposed Federal #7-19-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

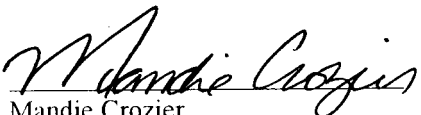
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-19-9-16 SW/NE Section 19, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/25/06

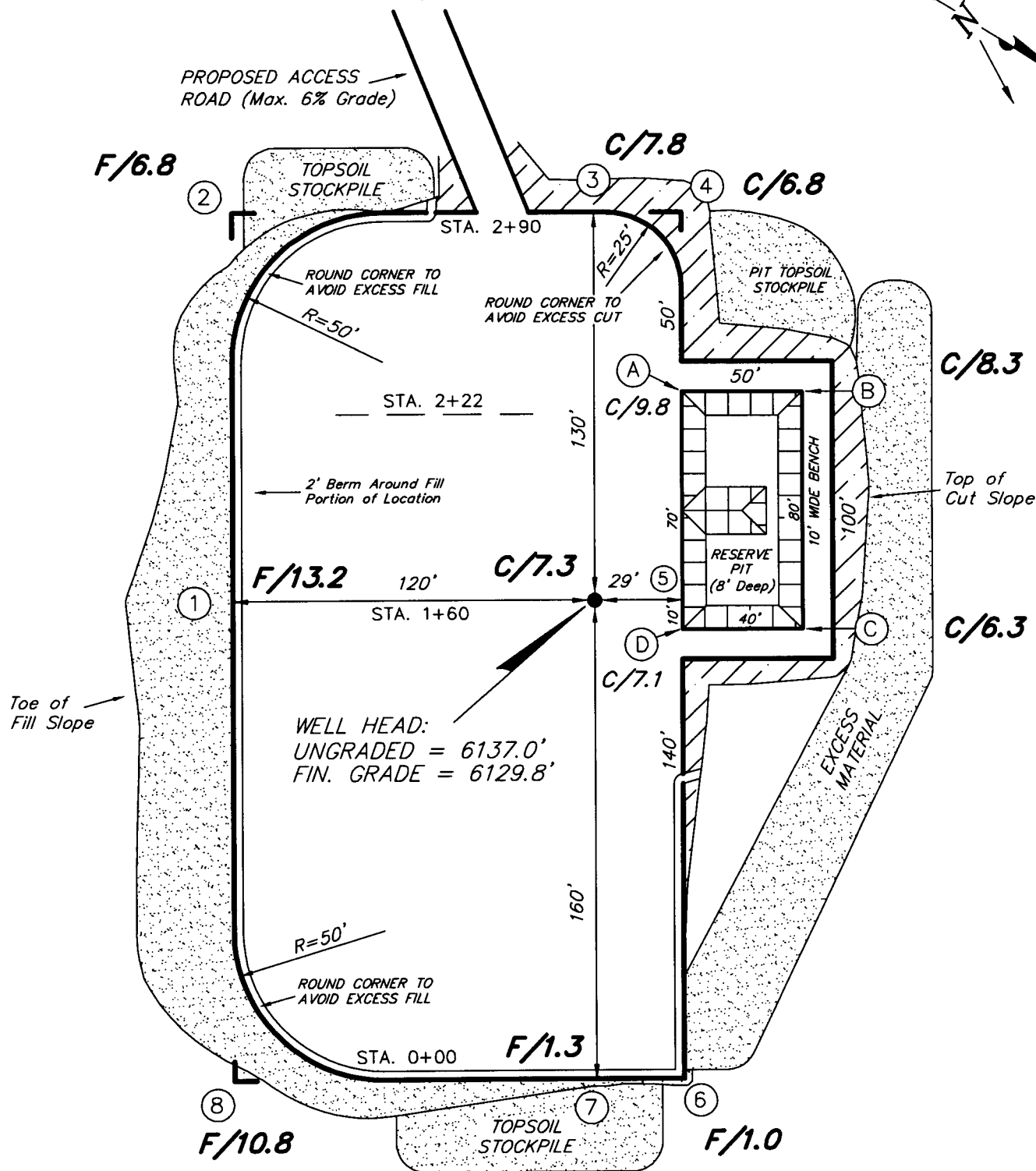
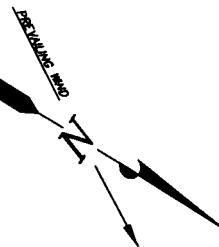
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 7-19-9-16

Section 19, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

210' NORTHEASTERLY = 6121.8'
260' NORTHEASTERLY = 6113.8'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-13-06

Tri State
Land Surveying, Inc.

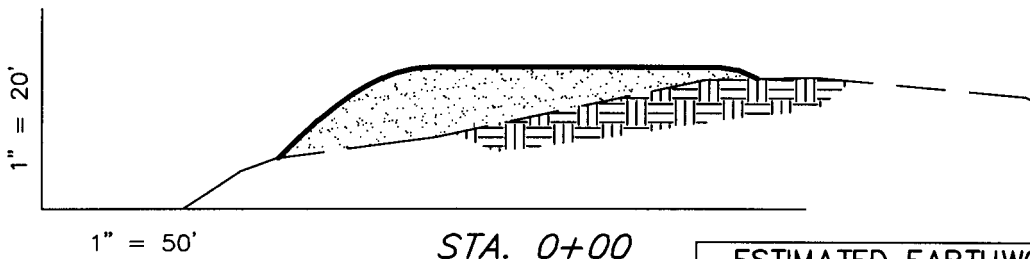
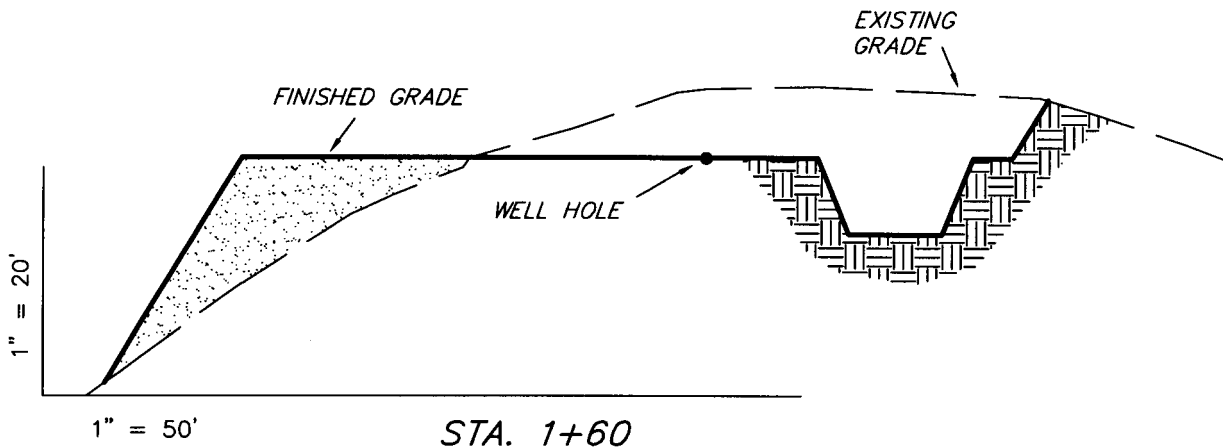
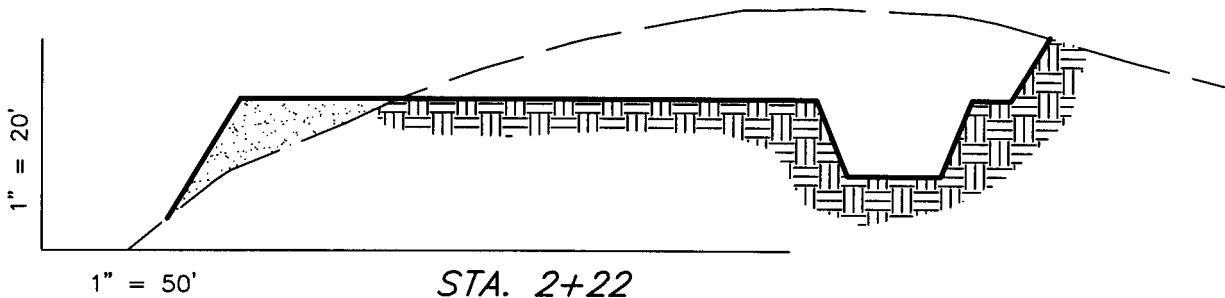
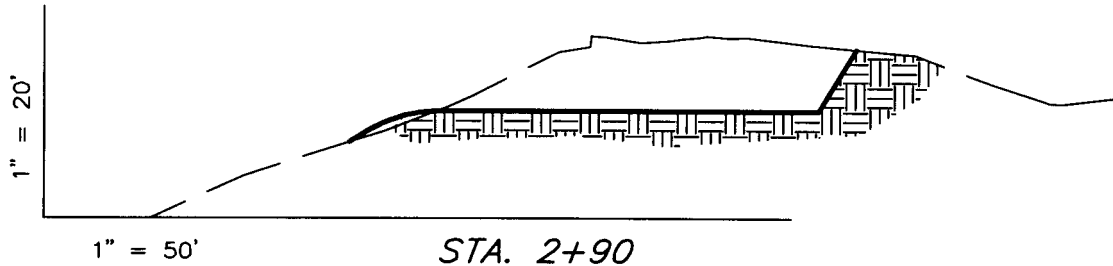
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 7-19-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,320	5,320	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,960	5,320	1,100	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-13-06

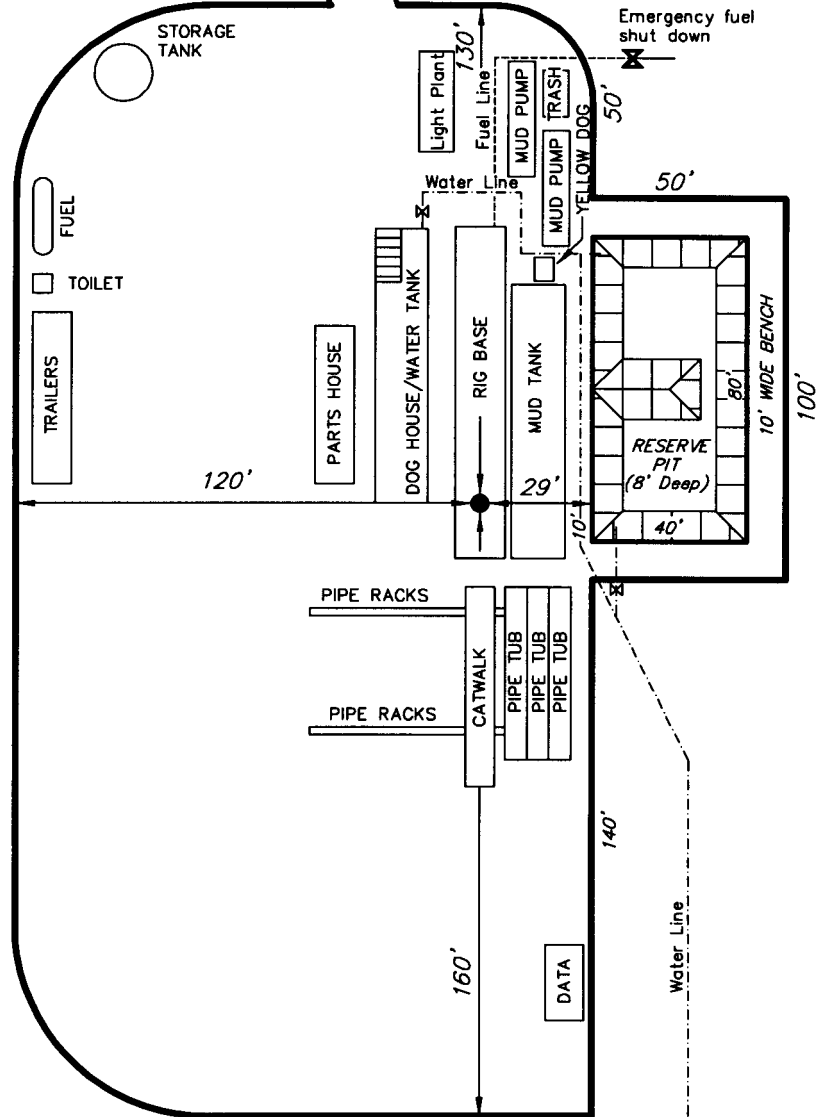
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 7-19-9-16

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-13-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

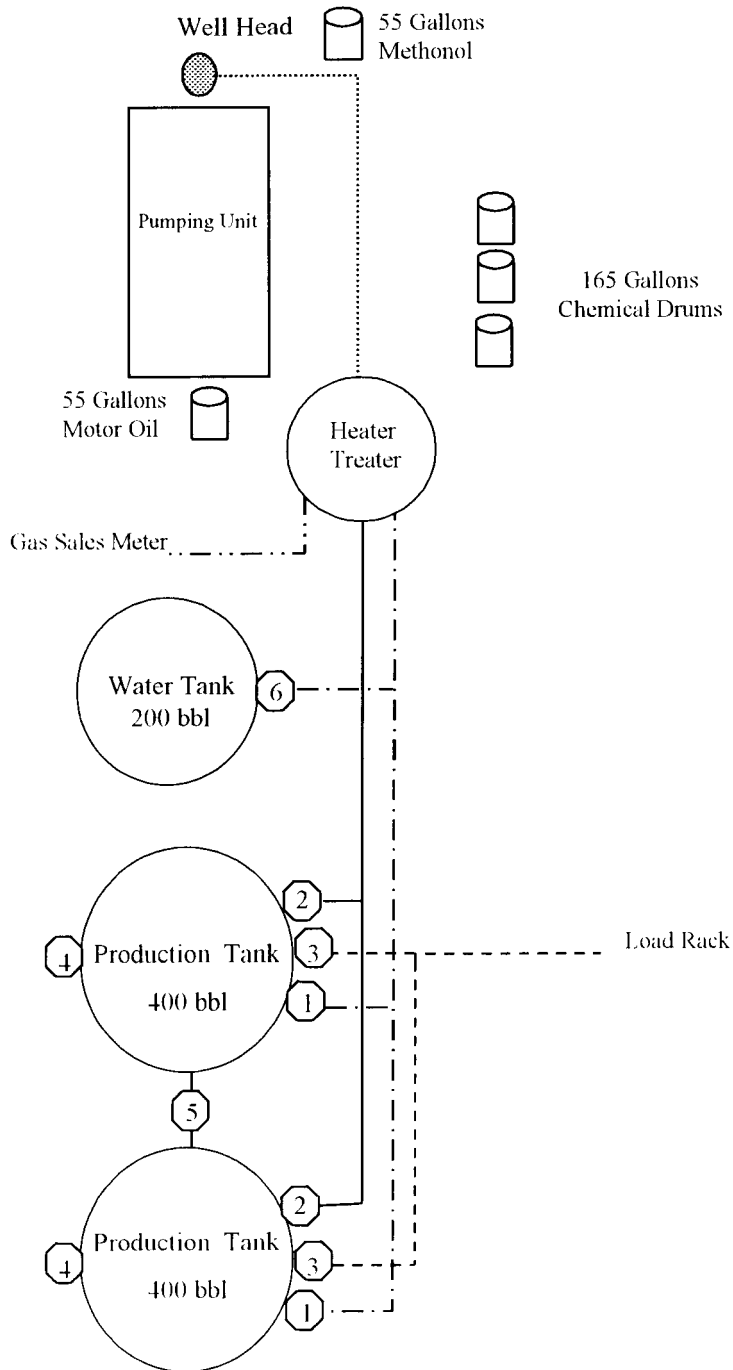
Newfield Production Company Proposed Site Facility Diagram

Federal 7-19-9-16

SW/NE Sec. 19, T9S, 16E

Duchesne County, Utah

UTU-64379



Legend

Emulsion Line
Load Rack	-----
Water Line	-----
Gas Sales	-----
Oil Line	-----

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

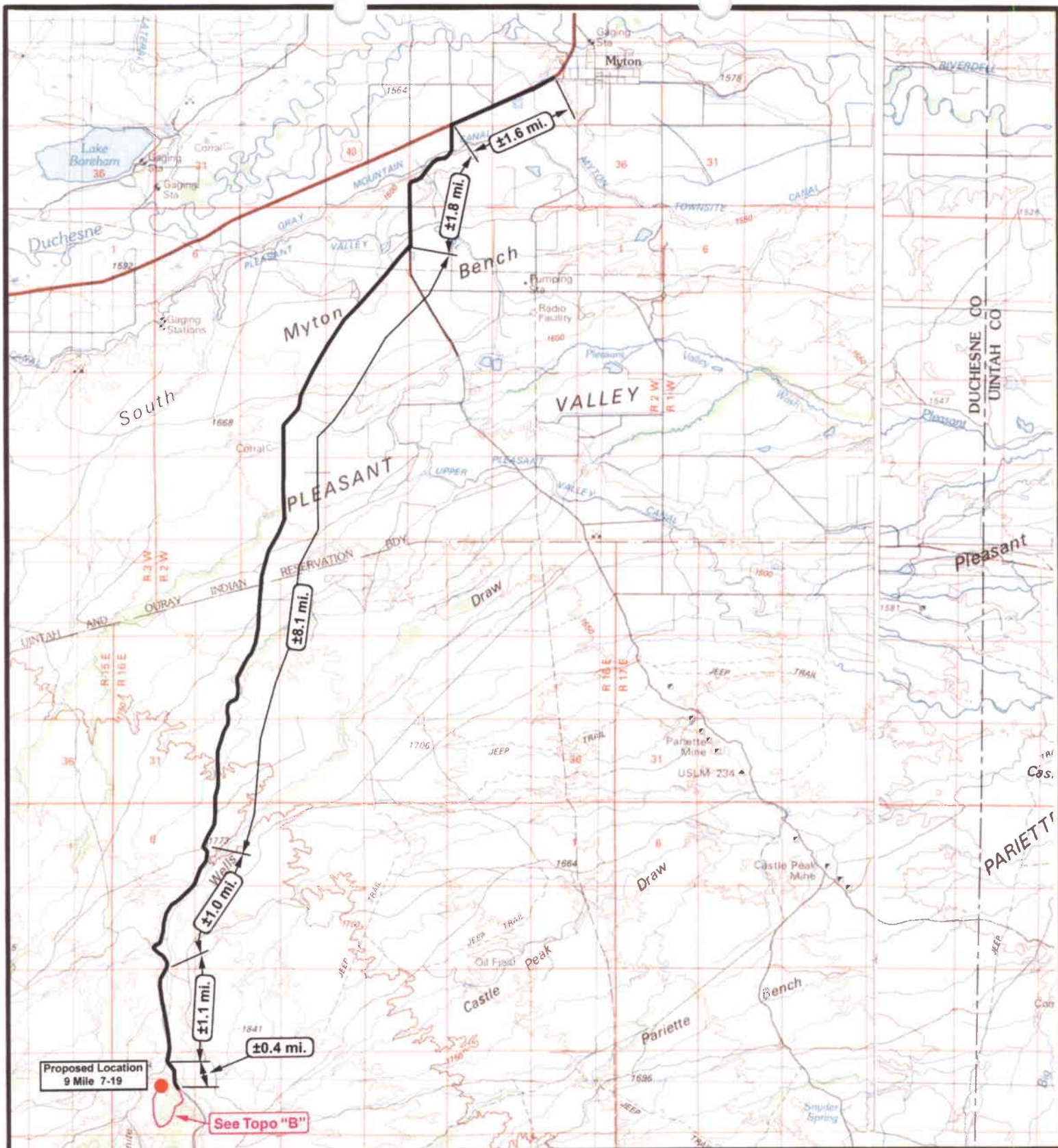
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





NEWFIELD
Exploration Company

9 Mile 7-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



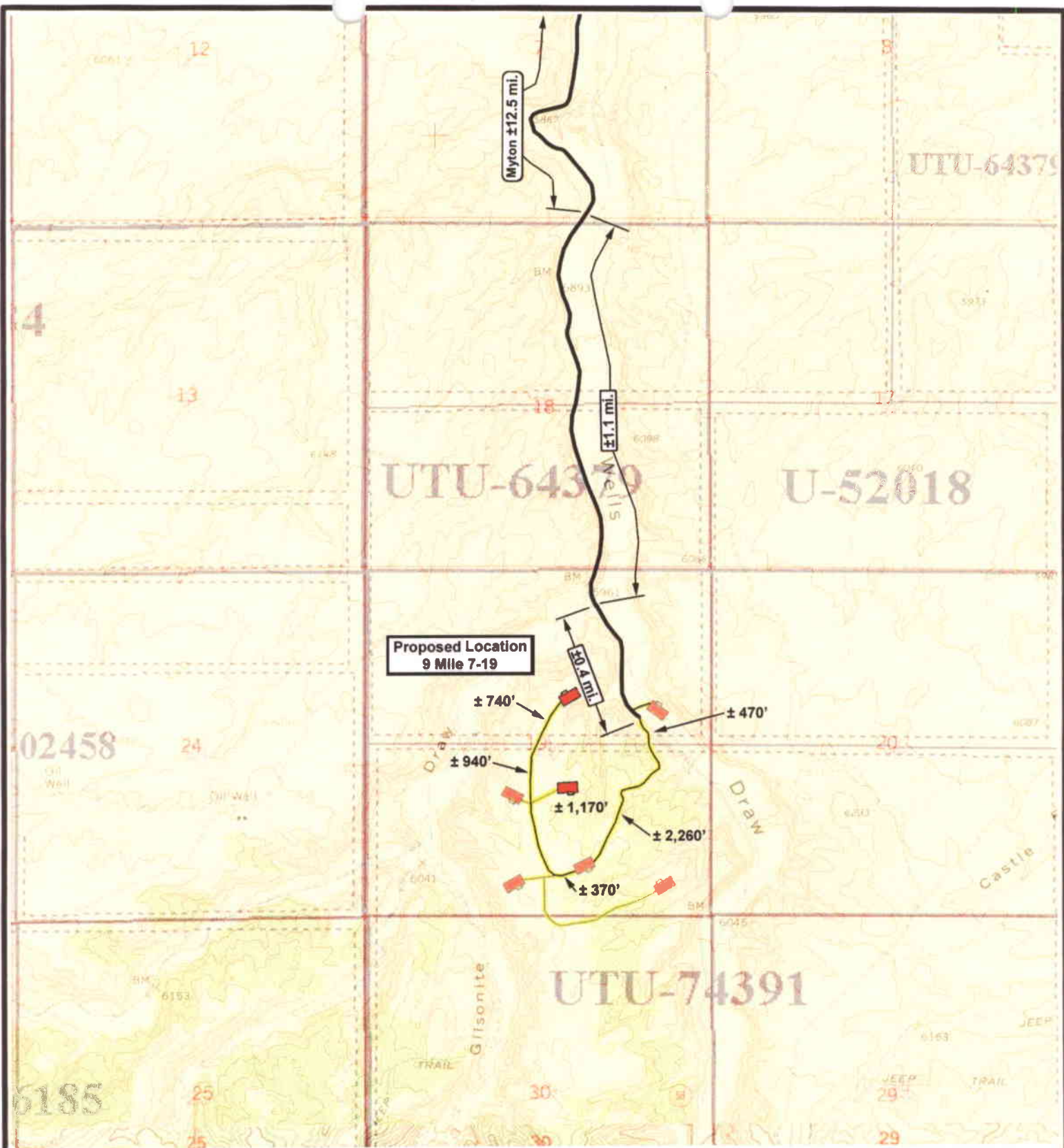
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 04-13-2006

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 7-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.

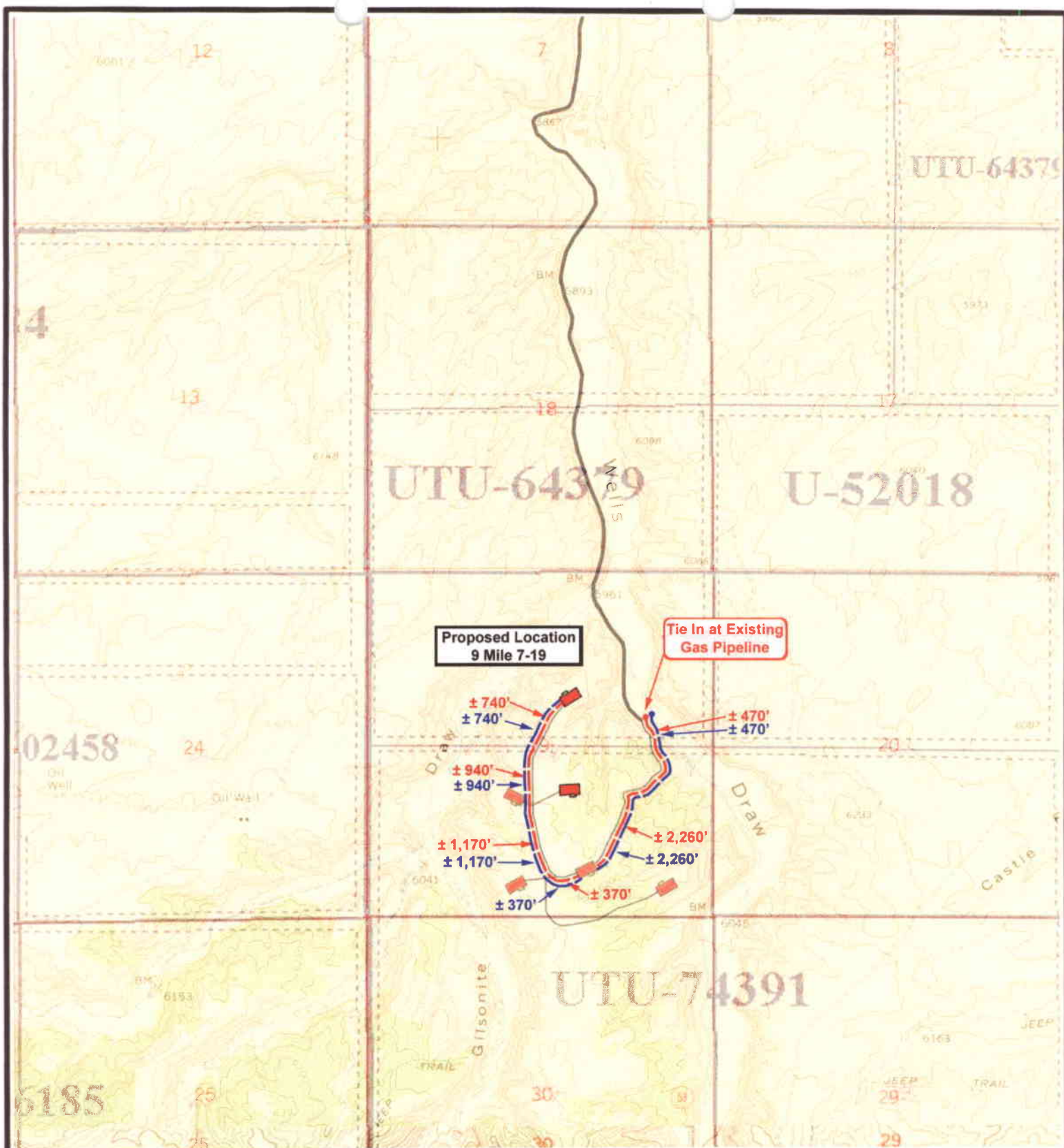


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 04-13-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 7-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

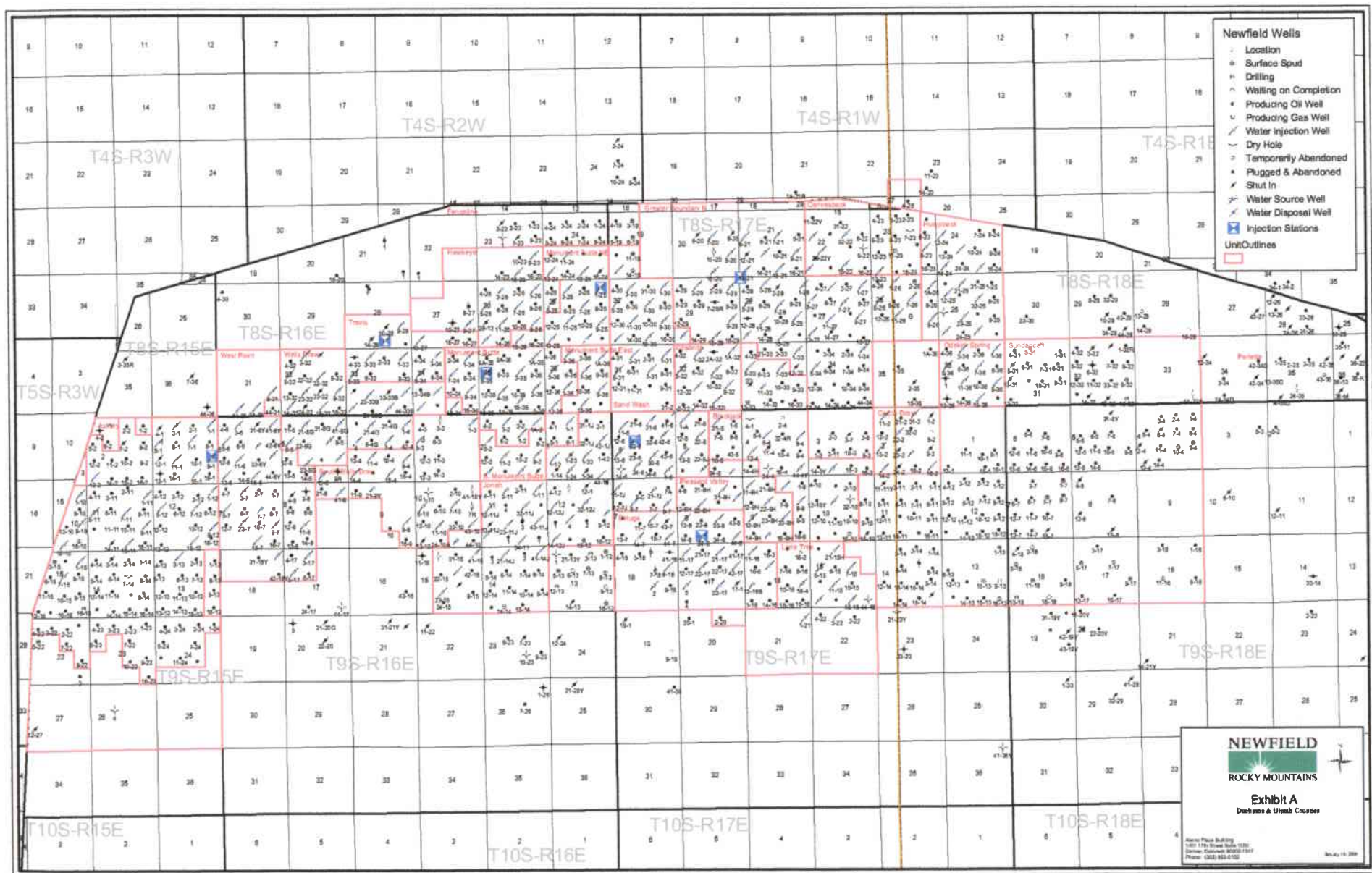
DATE: 04-13-2006

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



2-M SYSTEM

Blowout Prevention Equipment Systems

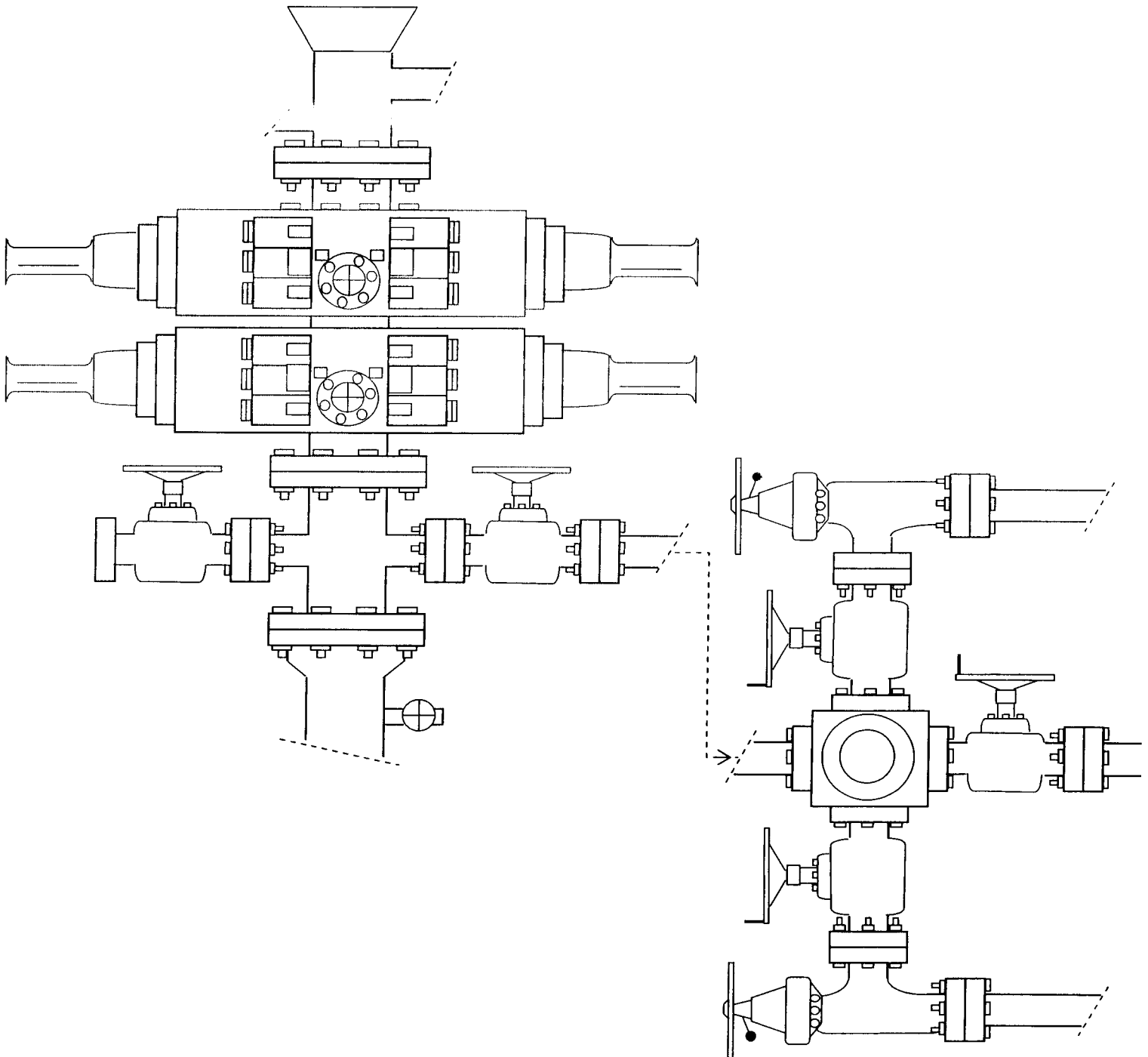


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/26/2006

API NO. ASSIGNED: 43-013-33158

WELL NAME: FEDERAL 7-19-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 19 090S 160E

SURFACE: 1958 FNL 2161 FEL

BOTTOM: 1958 FNL 2161 FEL

COUNTY: DUCHESNE

LATITUDE: 40.01836 LONGITUDE: -110.1596

UTM SURF EASTINGS: 571720 NORTHINGS: 4429923

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. MUNICIPAL)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

___ R649-3-11. Directional Drill

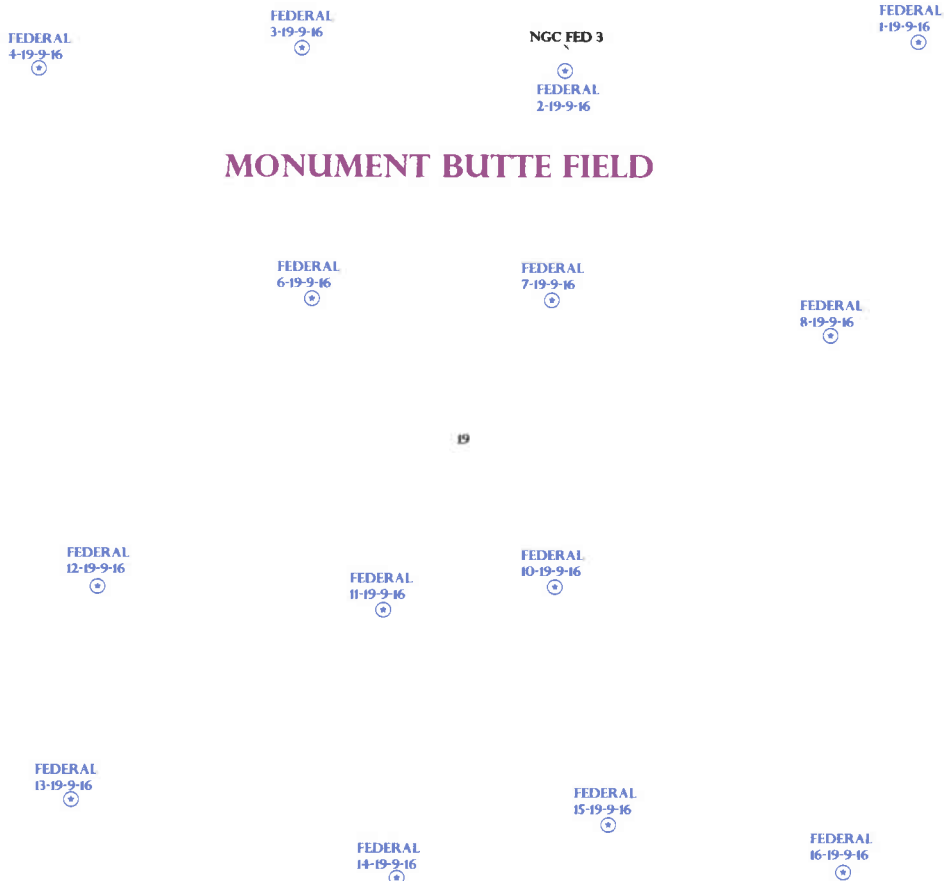
COMMENTS: Sol, Separate file

STIPULATIONS: 1- federal approved

2- Spacing Strip

T9S R15E T9S R16E

MONUMENT BUTTE FIELD



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T. 9S R. 16E

FIELD: MONUMENT BUTT (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
 [] ABANDONED
 [] ACTIVE
 [] COMBINED
 [] INACTIVE
 [] PROPOSED
 [] STORAGE
 [] TERMINATED

Unit Status
 [] EXPLORATORY
 [] GAS STORAGE
 [] NF PP OIL
 [] NF SECONDARY
 [] PENDING
 [] PI OIL
 [] PP GAS
 [] PP GEOTHERML
 [] PP OIL
 [] SECONDARY
 [] TERMINATED

Wells Status
 [] GAS INJECTION
 [] GAS STORAGE
 [] LOCATION ABANDONED
 [] NEW LOCATION
 [] PLUGGED & ABANDONED
 [] PRODUCING GAS
 [] PRODUCING OIL
 [] SHUT-IN GAS
 [] SHUT-IN OIL
 [] TEMP. ABANDONED
 [] TEST WELL
 [] WATER INJECTION
 [] WATER SUPPLY
 [] WATER DISPOSAL
 [] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 27-APRIL-2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 7-19-9-16 Well, 1958' FNL, 2161' FEL, SW NE, Sec. 19, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33158.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 7-19-9-16
API Number: 43-013-33158
Lease: UTU-64379

Location: SW NE **Sec.** 19 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

APR 26 2006

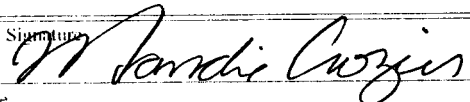
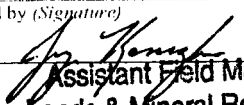
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 7-19-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33158
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 1958' FNL 2161' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 19, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 682' f/lse, NA f/unit	16. No. of Acres in lease 1626.36	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1205'	19. Proposed Depth 6050'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6137' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (7) days from spurt to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kewels	Date 3-2-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

MAR 06 2007

UDOGM

No NOS

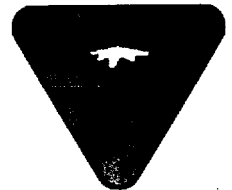
DIV. OF OIL, GAS & MINING

07BM4629A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWNE, Sec 19, T9S, R16E
Well No: Federal 7-19-9-16 Lease No: UTU-64379
API No: 43-013-33158 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chuck Macdonald) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Wildlife:
 - 1) No surface occupancy is allowed (does not apply to casual use) within ½ mile of golden eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts can be mitigated through other management actions or site specific analysis of terrain features. Protection of golden eagle nest sites as described in the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)
 - 2) There are two Golden Eagle nests next to each other and are located 0.22 miles north of the proposed location, but are not in line-of-site. There are three Golden Eagle nests next to each other and are located 0.25 miles east of the proposed access road, but are not in line of site.
With this occurrence there will be a time restriction to protect Golden Eagle nesting from February 1 – July 15.
 - 3) **No surface use is allowed within crucial deer and elk winter range during December 1 – April 30.** This stipulation does not apply to operation and maintenance of production facilities or if animals are not present. Preventing adverse impacts that would cause significant impacts that would cause significant displacements of deer or elk herds or loss of habitat as described by the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or regulatory provisions for such changes.

Lease Notices from Resource Management Plan-Wildlife:

The lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and CFR 3101.1-2.

Comments- Wildlife:

1. **No Surface Occupancy (NSO) does not apply to the Golden Eagle stipulation because the nest is not in line-of-site within 0.5 miles from the proposed location or the proposed access road.**
2. The proposed location is within crucial deer and elk habitat.

3. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL

- **ROW (Right of Way):**
Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction.
Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction of a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure.
Construction of water pipelines. Water pipelines will be buried 4 to 5 feet deep to avoid freezing. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. Buried water pipelines will be 3" steel water injection line and a 3" poly water return line.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre
Shadscale (<i>Atriplex confertifolia</i>)	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>)	1 lbs/acre

- All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.

- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 7-19-9-16

9. API Well No.

43-013-33158

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1958 FNL 2161 FEL SW/NE Section 19, T9S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/27/06 (expiration 4/27/07).

This APD was approved by the BLM on 3/2/07.

Approved by the
Utah Division of
Oil, Gas and Mining

4-10-07
RM

Date: 04-09-07

By: 

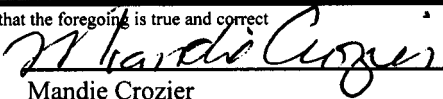
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APR 09 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed


Mandie Crozier

Title

Regulatory Specialist

Date

4/4/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33158
Well Name: Federal 7-19-9-16
Location: SW/NE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

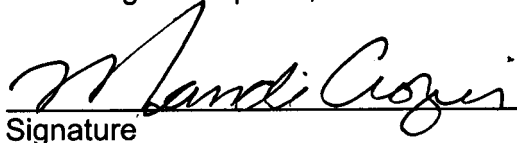
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

4/4/2007

Date

Title: Regulatory Specialist

RECEIVED

APR 09 2007

Representing: Newfield Production Company

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 7-19-9-16

Api No: 43-013-33158 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 09/25/07

Time 2:00 PM

How DRY

Drilling will Commence: _____

Reported by JIM

Telephone # (435) 823-2072

Date 09/25/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16401	4301333000	FEDERAL 14-18-9-16	SESW	18	9S	16E	DUCHESNE	9/17/2007	10/17/07
WELL 1 COMMENTS: GRUV											
A	99999	16402	4301333702	HANCOCK 6-20-4-1	SENW	20	4S	1W	DUCHESNE	9/22/2007	10/17/07
GRUV											
A	99999	16403	4301333065	FEDERAL 4-19-9-16	NWNW	19	9S	16E	DUCHESNE	9/21/2007	10/17/07
GRUV											
B	99999	12417	4301333286	LONE TREE FED 9-21-9-17	NESE	21	9S	17E	DUCHESNE	9/25/2007	10/17/07
GRUV											
A	99999	16404	4301333158	FEDERAL 7-19-9-16	SWNE	19	9S	16E	DUCHESNE	9/25/2007	10/17/07
WELL 5 COMMENTS: GRUV											
B	99999	14844	4304735848	FEDERAL 6-1-9-17	SENW	1	9S	17E	UINTAH	9/26/2007	10/17/07
WELL 5 COMMENTS: GRUV											

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature Jennifer Park Jennifer Park
Production Clerk
Date 09/27/07

DIV. OF OIL, GAS & MINING

SEP 27 2007

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SEE INSTRUCTIONS FOR FILING INSTRUCTIONS ON REVERSE SIDE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435 646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1958 FNL 2161 FEL
SWNE Section 19 T9S R16E

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 7-19-9-16

9. API Well No.
4301333158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/25/07 MIRU Ross # 24. Spud well @ 2:00 pm. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 316.01'KB. On 9/28/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 2 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

09/28/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 02 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 316.01

LAST CASING 8 5/8" set @ 316.01'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 315' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 7-19-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 37.03'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.36
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	306.01
TOTAL LENGTH OF STRING	306.01	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	316.01
TOTAL	304.16	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	304.16	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	Spud	9/25/2007 2:00 PM	GOOD CIRC THRU JOB	YES
CSG. IN HOLE		9/25/2007 6:00 PM	Bbls CMT CIRC TO SURFACE	3
BEGIN CIRC		9/28/2007 11:49 AM	RECIPROCATED PIPE FOR	N/A
BEGIN PUMP CMT		9/28/2007 12:00 PM		
BEGIN DSPL. CMT		9/28/2007 12:13 PM	BUMPED PLUG TO	460 PSI
PLUG DOWN		9/28/2007 12:21 PM		

CEMENT USED	CEMENT COMPANY- B. J.		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Jim Smith DATE 9/28/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.
USA UTU-64379
6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 7-19-9-16

9. API Well No.
4301333158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1958 FNL 2161 FEL
SWNE Section 19 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/3/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5950'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 5943' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 20 bbls of cement to reserve pit. BLM was present during the longstring and cement job. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 6:00 AM on 11/9/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum
Signature

Title
Drilling Foreman

Date
11/10/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

NOV 14 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5943.09

Ft clr @ 5891.53

LAST CASING 8 5/8" SET AT 316'

OPERATOR Newfield Production Company

DATUM 12

WELL Federal 7-19-9-16

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 5925' LOGGER

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 3941' 6.00'					
137	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5891.53
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.31
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5945.09
TOTAL LENGTH OF STRING	5945.09	137	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	168.7	5	CASING SET DEPTH	5943.09

TOTAL	6098.54	142	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	6098.54	142	
TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.	11/8/2007	9:30 PM	GOOD CIRC THRU JOB <u>Yes</u>
CSG. IN HOLE	11/9/2007	1:00 AM	Bbls CMT CIRC TO SURFACE <u>20</u>
BEGIN CIRC	11/9/2007	1:00 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>
BEGIN PUMP CMT	11/9/2007	2:05 AM	DID BACK PRES. VALVE HOLD ? <u>yes</u>
BEGIN DSPL. CMT	11/9/2007	2:54 AM	BUMPED PLUG TO <u>1450</u> PSI
PLUG DOWN	11/9/2007	3:14 AM	

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Justin Crum DATE 11/9/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC 11 2007

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an oil, gas & mining
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1958 FNL 2161 FEL

SWNE Section 19 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 7-19-9-16

9. API Well No.

4301333158

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

12/07/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on reverse)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

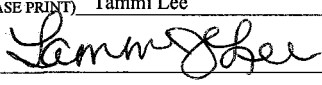
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1958 FNL 2161 FEL		8. WELL NAME and NUMBER: FEDERAL 7-19-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 19, T9S, R16E		9. API NUMBER: 4301333158
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/06/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above mentioned well went on production 12/6/07. See attached daily activity report.

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk
SIGNATURE  DATE 01/17/2008

(This space for State use only)

RECEIVED

JAN 18 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 7-19-9-16**9/1/2007 To 1/30/2008****11/20/2007 Day: 1****Completion**

Rigless on 11/19/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5801' & cement top @ 175'. Perforate stage #1, LODC sds @ 5410-34' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 96 shots. 110 BWTR. SWIFN.

11/29/2007 Day: 2**Completion**

Rigless on 11/28/2007 - Stage #1, LODC sds. RU BJ Services. 0 psi on well. Frac LODC sds w/ 109,202#'s of 20/40 sand in 819 bbls of Lightning 17 fluid. Broke @ 3164 psi. Treated w/ ave pressure of 2224 psi w/ ave rate of 23.1 BPM. ISIP 2660 psi. Leave pressure on well. 929 BWTR. Stage #2 LODC sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' perf gun. Set plug @ 5370'. Perforate LODC sds @ 5259-66' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 28 shots. RU BJ Services. 1906 psi on well. Frac LODC sds w/ 39,849#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3747 psi. Treated w/ ave pressure of 2270 psi w/ ave rate of 22.9 BPM. ISIP 2197 psi. Leave pressure on well. 1338 BWTR. Stage #3, A.5 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' perf gun. Set plug @ 5020'. Perforate A.5 sds @ 4916-23' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 28 shots. RU BJ Services. 1712 psi on well. Frac A.5 sds w/ 19,0567#'s of 20/40 sand in 298 bbls of Lightning 17 fluid. Broke @ 3666 psi. Treated w/ ave pressure of 2017 psi w/ ave rate of 23.1 BPM. ISIP 2175 psi. Leave pressure on well. 1636 BWTR. Stage #4, B1 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 5' perf gun. Set plug @ 4900'. Perforate B1 sds @ 4843-48' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 20 shots. RU BJ Services. 1507 psi on well. Frac B1 sds w/ 14,207#'s of 20/40 sand in 260 bbls of Lightning 17 fluid. Broke @ 3543 psi. Treated w/ ave pressure of 2112 psi w/ ave rate of 23.1 BPM. ISIP 1944 psi. Leave pressure on well. 1896 BWTR. Stage #5, D1 sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 15' perf gun. Set plug @ 4680'. Perforate D1 sds @ 4564-79' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 60 shots. RU BJ Services. 1466 psi on well. Frac D1 sds w/ 79,967#'s of 20/40 sand in 617 bbls of Lightning 17 fluid. Broke @ 3400 psi. Treated w/ ave pressure of 1666 psi w/ ave rate of 23.1 BPM. ISIP 1984 psi. Leave pressure on well. 2513 BWTR. Stage #6, GB4 & GB6sds. RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 4, 9' perf guns. Set plug @ 4230'. Perforate GB6 sds @ 4119-28' & GB4 sds @ 4081-87' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90°) w/ 4 spf for total of 60 shots. RU BJ Services. 1615 psi on well. Frac GB4 & GB6 sds w/ 39,102#'s of 20/40 sand in 395 bbls of Lightning 17 fluid. Broke @ 3668 psi. Treated w/ ave pressure of 1725 psi w/ ave rate of 23.1 BPM. ISIP 1731 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 7 hrs. & died. Recovered 400 bbls. SWIFN.

12/1/2007 Day: 3**Completion**

Rigless on 11/30/2007 - RU Leed #712. ND Cameron BOP. & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 85 new 2 7/8" tbg. from pipe rack (tallying & drifting). SWIFN.

12/4/2007 Day: 4**Completion**

Rigless on 12/3/2007 - Cont. RIH w/ tbg. Tag CBP @ 4230'. RU powerswivel & pump. DU CBP in 20 min. Cont. RIH w/ tbg. Tag @ 4660'. C/O to CBP @ 4680'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag @ 4875'. C/O to CBP @ 4900'. Circulate well clean. Pull up to 4940'. SWIFN.

12/5/2007 Day: 5**Completion**

Leed #712 on 12/4/2007 - RIH w/ tbg. Tag CBP @ 4900'. Started drilling on CBP. Blew out O-ring on powerswivel. RD powerswivel. RU new powerswivel. Cont. drilling on CBP. DU CBP in 10 min. Cont. RIH w/ tbg. Tag CBP @ 5020'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag CBP @ 5370'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag @ 5750'. C/O to PBTD @ 5837'. Circulate well clean. Pull up to 5775'. Made 1 swab run. SFL @ surface. Recovered 12 bbls. No oil, gas or sand. EFL @ surface. SWIFN.

12/6/2007 Day: 6**Completion**

Leed #712 on 12/5/2007 - RIH w/ swab. SFL @ 200'. Made 11 runs. Recovered 150 bbls. Trace of oil, no show of sand. EFL @ 1100'. RD swab. RIH w/ tbg. Tag PBTD @ 5837'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 2 7/8" tbg. to 5650'. SWIFN.

12/7/2007 Day: 7**Completion**

Leed #712 on 12/6/2007 - ND BOP. Set TAC @ 5416' w/ 15,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 14' x 18' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 90- 3/4" slick rods, 100- 3/4" guided rods, 1- 3/4" slick rod, 1- 6', 4' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Stroke test to 800 psi. Adjust tag. RD Leed #712. Put well on production @ 3:00 p.m. 5.5 spm, 120" stroke length. Final Report.

Pertinent Files: Go to File List

(July 1972)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL ☒

GAS
WELL ☐

DRY ☐

Other

1b. TYPE OF WELL

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR. ☐

Other

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

1958' FNL& 2161' FEL SEC19, T9S, R16E SW/NE

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33158

DATE ISSUED

4/27/07

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUNDED

9/25/07

16. DATE T.D. REACHED

11/8/07

17. DATE COMPL. (Ready to prod.)

12/6/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6137' GL 6149' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5950'

21. PLUG BACK T.D., MD & TVD

5837'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

GREEN RIVER 4081'-5266'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	316.01'	12 1/4	To surface w/ 160 sx of class "G" cement	
5-1/2" J-55	15.5#	5943.09	7 7/8	300 sx Premilite II & 400 sx of 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5775'	TA @ 5413'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL

SIZE

SPF/NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

LODC sds 5410'-5434'	.49"	4/96	5410'-5434'	c LODC 109,202 #'s of 20/40 sand in 819 bbls of f
LODC sds 5259'-5266'	.49"	4/28	5259'-5266'	LODC sds 39,849 #'s of 20/40 sand in 409 bbls of
A.5 sds 4916'-4923'	.49"	4/28	4916'-4923'	c A.5 sds 19,0567 #'s of 20/40 sand in 298 bbls of f
B1 sds 4843'-4848'	.49"	4/20	4843'-4848'	c B1 sds 14,207 #'s of 20/40 sand in 260 bbls of f
D1 sds 4564'-4579'	.49"	4/60	4564'-4579'	c D1 sds 79,967 #'s of 20/40 sand in 617 bbls of f
GB6 sds 4119'-4128', GB4 4081'-4087'	.49"	4/60	4081'-4128'	B6 & GB4 in 39,102 #'s of 20/40 sand in 395 bbls

33.* PRODUCTION

DATE FIRST PRODUCTION 12/6/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2 1/2" x 1 1/2" x 14' x 18' RHAC pump w/ SM plunger					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 281	GAS--MCF. 143	WATER--BBL. 296		GAS-OIL RATIO 240
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	
				RECEIVED				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Tammi Lee

TITLE

Production Technician

DATE

1/18/2008

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name Federal 7-19-9-16

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3584'	
Garden Gulch 1	3774'	
Garden Gulch 2	3891'	
Point 3 Mkr	4135'	
X Mkr	4400'	
Y-Mkr	4431'	
Douglas Creek Mkr	4540'	
BiCarbonate Mkr	4772'	
B Limestone Mkr	4886'	
Castle Peak	5446'	
Basal Carbonate	5880'	
Wasatch	0	
Total Depth (Loggers)	5950'	



Well Name: Federal 7-19-9-16

LOCATION: S19, T9S, R16E

COUNTY/STATE:

API:

Spud Date:

TD:

CSG:

POP: 12-6-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
12/6/2007				2708				POP @ 3:00 P.M. w/ 120" SL @ 5.5 SPM. 2708 Total water to recover.
12/7/2007	18	0	0	2708	0	0	5 1/2	
12/8/2007	24	0	108	2600	0	30	5 1/2	
12/9/2007	24	0	136	2464	0	25	5 1/2	
12/10/2007	24	35	98	2366	0	30	5 1/2	
12/11/2007	16	6	79	2287	0	10	5 1/2	Down - lost gas pressure
12/12/2007	0	0	0	2287	0	0	0	No fuel gas
12/13/2007	0	0	0	2287	0	0	0	Shut In, tank 3 leaking going to replace.
12/14/2007	0	0	0	2287	0	0	0	Shut In, tank 3 leaking going to replace.
12/15/2007	17	37	52	2235	0	40	5 1/4	
12/16/2007	24	78	43	2192	0	50	5 1/4	
12/17/2007	16	15	63	2129	17	100	5 1/4	Down - Treater stacked out
12/18/2007	20	100	0	2129	0	150	5 1/4	Down - Treater stacked out
12/19/2007	24	66	0	2129	46	150	5	
12/20/2007	24	60	30	2099	0	220	5 1/2	
12/21/2007	24	41	20	2079	21	300	5 1/2	Down - Treater stacked out
12/22/2007	24	50	8	2071	35	200	5 1/2	
12/23/2007	24	70	8	2063	36	140	5 1/2	
12/24/2007	24	28	35	2028	51	80	5 1/2	
12/25/2007	24	22	15	2013	38	140	5 1/4	
12/26/2007	24	60	15	1998	38	140	5 1/4	
12/27/2007	8	22	3	1995	16	210	5 1/4	Clutched waiting for oil sale
12/28/2007	0	-22	22	1973	0	240	0	Clutched waiting for oil sale, 22 BW FROM t1 TO t3
12/29/2007	24	40	38	1935	0	100	5 1/4	
12/30/2007	24	80	0	1935	0	100	5 1/4	Treater bypassed
12/31/2007	24	0	123	1812	0	40	5 1/4	
1/1/2008	8	0	45	1767	0	210	5 1/4	Clutched for oil sale
1/2/2008	0	0	0	1767	0	600	0	Clutched for oil sale
1/3/2008	0	0	0	1767	0	200	5 1/4	Clutched for oil sale, POP 8:00 a.m.
1/4/2008	24	101	0	1767	0	130	5 1/2	
1/5/2008				1767				
1/6/2008				1767				
		889	941		298			



May 11, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #7-19-9-16
Monument Butte Field, Lease #UTU-64379
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #7-19-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED

MAY 14 2012

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #7-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
MAY 11, 2012

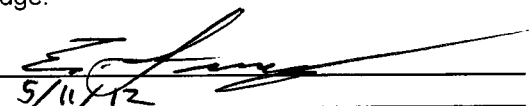
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Federal #7-19-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-64379</u>
Well Location: QQ <u>SWNE</u> section <u>19</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	Enhanced Recovery? Yes [X] No []
	Disposal? Yes [] No [X]
	Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well, has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33158</u>	
Proposed injection interval: from <u>3889</u> to <u>5837</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1701</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date <u>5/11/12</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

FEDERAL 7-19-9-16

Spud Date: 09/25/07
Put on Production: 12/06/07
GL: 6137' KB: 6149'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 316.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5929.84')
DEPTH LANDED: 5943.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 175'

TUBING

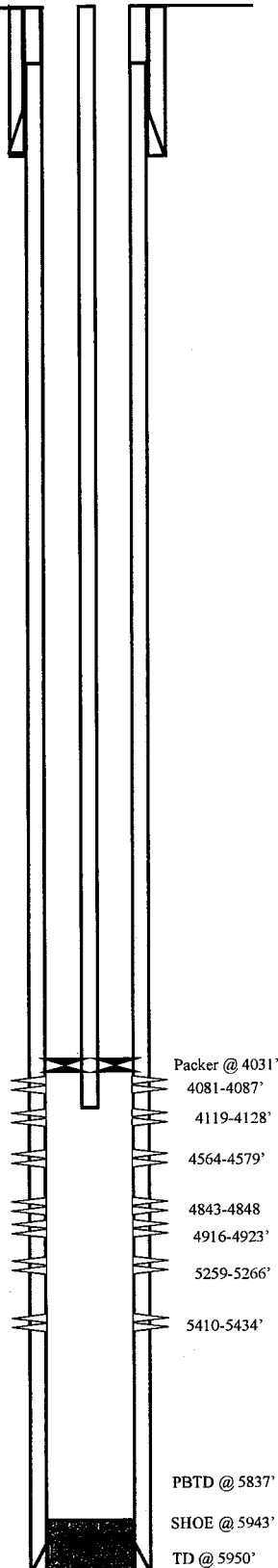
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5412.80')
TUBING ANCHOR: 5412.80' KB
NO. OF JOINTS: 1 jts (31.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5447.10' KB
NO. OF JOINTS: 2 jts (62.06')
TOTAL STRING LENGTH: EOT @ 5510.71' KB

FRAC JOB

11/19/07	5410-5434'	Frac LODC sands as follows: 109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.
11/28/07	5259-5266'	Frac LODC sands as follows: 39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal.
11/28/07	4916-4923'	Frac A.5 sands as follows: 190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal.
11/28/07	4843-4848'	Frac B1 sands as follows: 14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal.
11/28/07	4564-4579'	Frac D1 sands as follows: 79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal.
11/28/07	4564-4579'	Frac GB6 & GB4 sands as follows: 39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal.
5/5/09		Pump Change. Updated r & t details.

PERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes



NEWFIELD

FEDERAL 7-19-9-16

1958'FNL & 2161' FEL

SW/NE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33158; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202
 - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
 - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #7-19-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
 - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
 - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #7-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3889' - 5837'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3561' and the TD is at 5950'.
 - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #7-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 316' KB, and 5-1/2", 15.5# casing run from surface to 5943' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1701 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #7-19-9-16, for existing perforations (4564' - 5434') calculates at 0.81 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1701 psig. We may add additional perforations between 3561' and 5950'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #7-19-9-16, the proposed injection zone (3889' - 5837') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

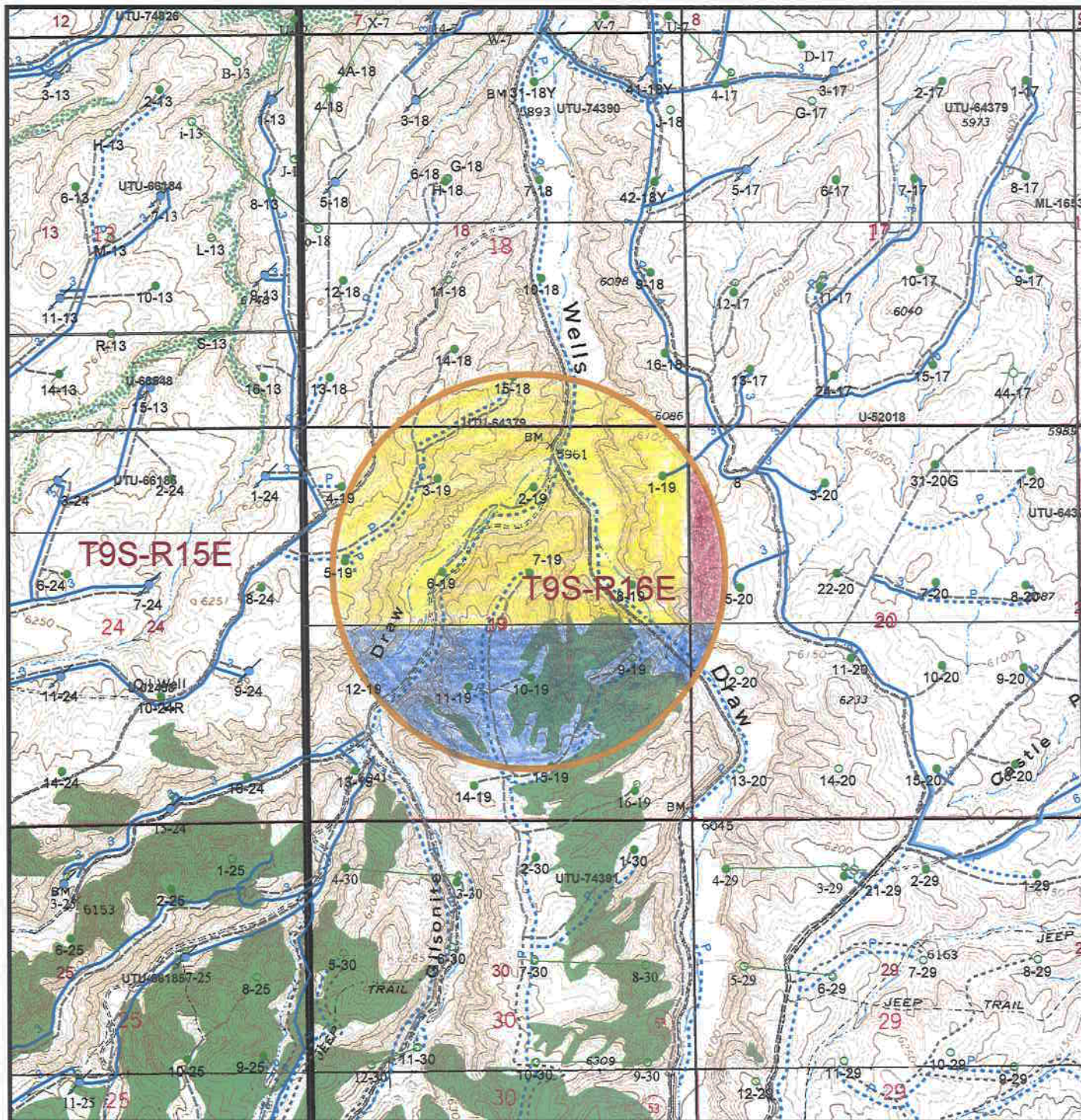
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Federal 7-19
Section 19, T9S-R16E



1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

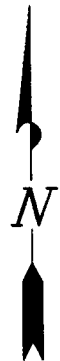
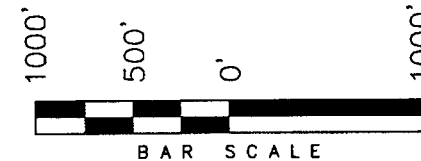
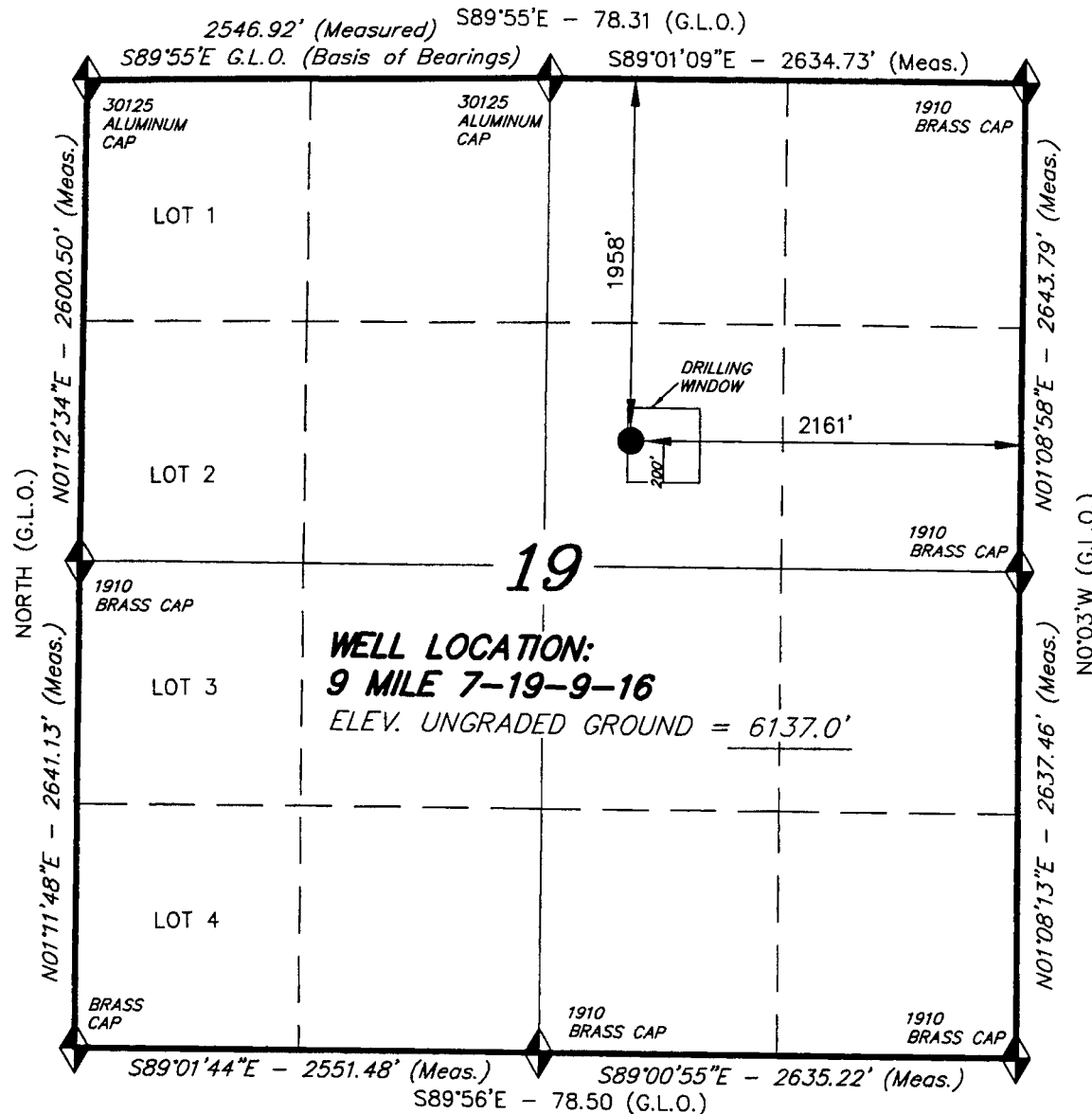
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

January 25, 2012

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-19-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 7-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 05.82"
LONGITUDE = 110° 09' 37.38"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Coproration	USA
2	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: ALL Section 30: ALL	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corporation MYCO Industries Inc OXY Y-1 Company Yates Petroleum Coproration	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #7-19-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Eric Sundberg
Newfield Production Company
Eric Sundberg
Regulatory Lead

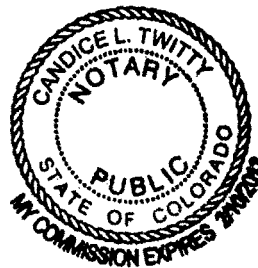
Sworn to and subscribed before me this 11th day of May, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires
02/10/2013

My Commission Expires: _____



FEDERAL 7-19-9-16

Spud Date: 09/25/07
Put on Production: 12/06/07
GL: 6137' KB: 6149'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 316.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5929.84')
DEPTH LANDED: 5943.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 175'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5412.80')
TUBING ANCHOR: 5412.80' KB
NO. OF JOINTS: 1 jts (31.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5447.10' KB
NO. OF JOINTS: 2 jts (62.06')
TOTAL STRING LENGTH: EOT @ 5510.71' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4", & 1-6" x 1/4" pony rods, 1-3/4" slick rod 100-3/4"
scraper rods, 90-3/4" plain rods, 20-3/4" scraper rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17" x 20" RHAC
STROKE LENGTH: 100"
PUMP SPEED, 5 SPM:

FRAC JOB

11/19/07 5410-5434' **Frac LODC sands as follows:**
109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.

11/28/07 5259-5266' **Frac LODC sands as follows:**
39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal.

11/28/07 4916-4923' **Frac A.5 sands as follows:**
190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal.

11/28/07 4843-4848' **Frac B1 sands as follows:**
14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal.

11/28/07 4564-4579' **Frac D1 sands as follows:**
79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal.

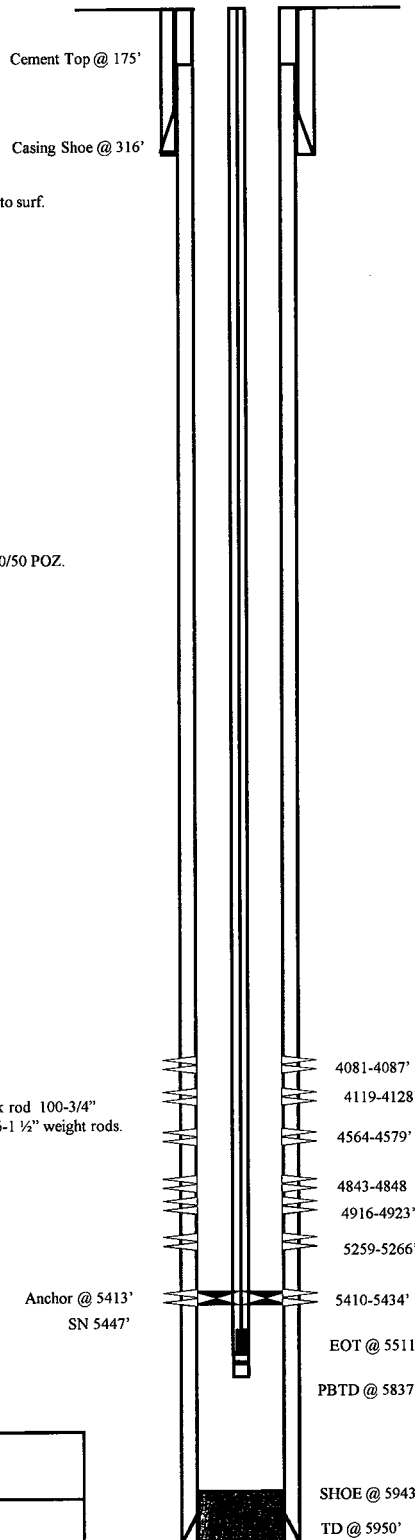
11/28/07 4564-4579' **Frac GB6 & GB4 sands as follows:**
39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal.

5/5/09

Pump Change. Updated r & t details.

PERFORATION RECORD

10/11/07 4584-4598' 4 JSPF 56 holes
10/11/07 4828-4837' 4 JSPF 36 holes
10/11/07 4976-4985' 4 JSPF 36 holes
10/11/07 5236-5272' 4 JSPF 144 holes
10/11/07 5649-5658' 4 JSPF 36 holes

**NEWFIELD****FEDERAL 7-19-9-16**

1958'FNL & 2161' FEL

SW/NE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33158; Lease # UTU-64379

FEDERAL 15-18-9-17

Spud Date: 09/18/07
Put on Production: 10/16/07
GL: 6049' KB: 6061'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 324.21' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts. (5986.37')
DEPTH LANDED: 5999.62' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 182 jts (5610.75')
TUBING ANCHOR: 5610.75' KB
NO. OF JOINTS: 2 jts (62.42')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5675.97' KB
NO. OF JOINTS: 2 jts (61.58')
TOTAL STRING LENGTH: EOT @ 5739.10' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2', & 1-6' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 18 1/2" RHAC
STROKE LENGTH: 102"
PUMP SPEED, 4.5 SPM:

FRAC JOB

10/11/07 5649-5658' **Frac CP3 sands as follows:**
15067# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.8 BPM. ISIP 1805 psi. Calc flush: 5647 gal. Actual flush: 5166 gal.

10/11/07 5236-5272' **Frac LODC sands as follows:**
159885# 20/40 sand in 1115 bbl Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5234 gal. Actual flush: 4746 gal.

10/11/07 4976-4985' **Frac A1 sands as follows:**
34607# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2543 psi w/avg rate of 29.9 BPM. ISIP 3582 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.

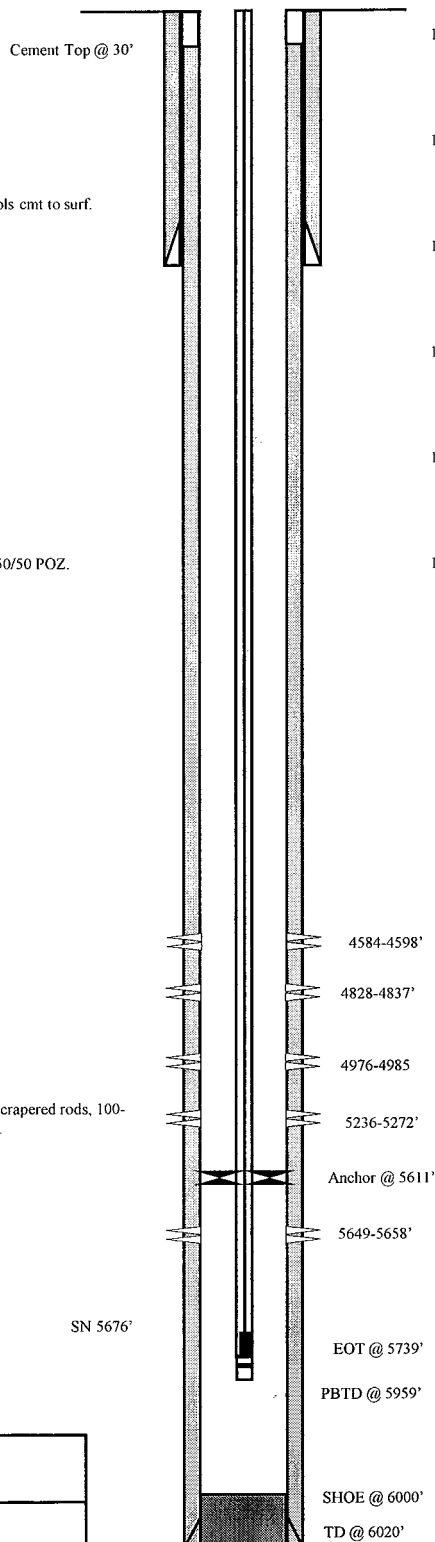
10/11/07 4828-4837' **Frac B1 sands as follows:**
15082# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.8 BPM. ISIP 1935 psi. Calc flush: 4826 gal. Actual flush: 4326 gal.

10/11/07 4584-4598' **Frac D1 sands as follows:**
47763# 20/40 sand in 455 bbls Lightning 17 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 24.8 BPM. ISIP 2078 psi. Calc flush: 4582 gal. Actual flush: 4491 gal.

12-31-07 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes



NEWFIELD

BELUGA FEDERAL 15-18-9-16

657'FSL & 2350' FEL

SW/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-33001; Lease # UTU-64379

Federal 1-19-9-16

Spud Date: 7-25-07
Put on Production: 09-11-07
GL: 6123' KB: 6135'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (295.87')
DEPTH LANDED: 306.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts (5969.80')
DEPTH LANDED: 5983.05' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'

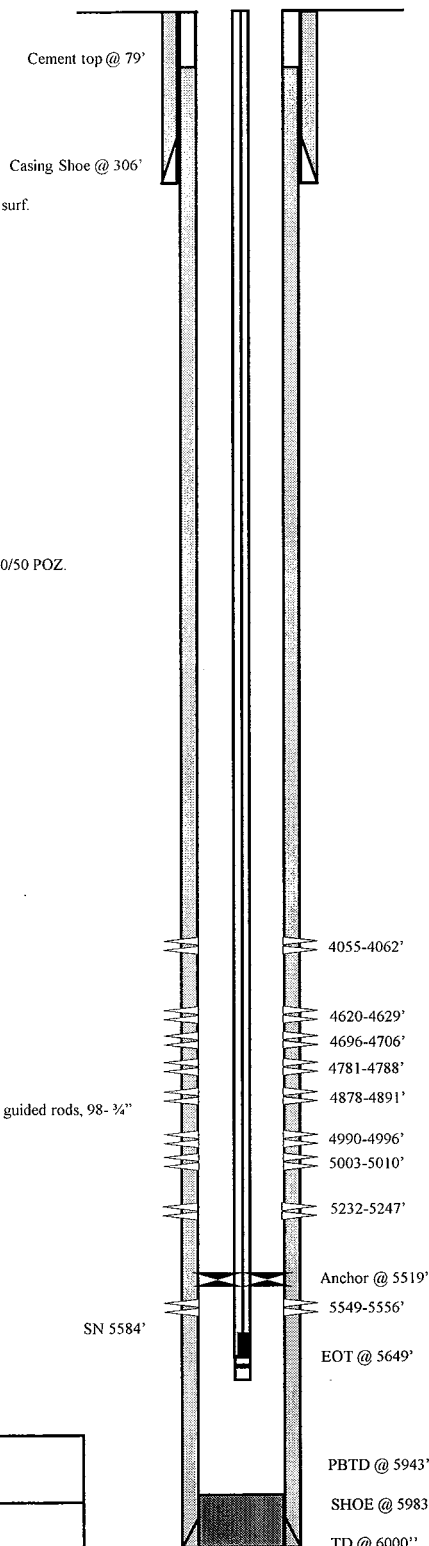
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5506.57')
TUBING ANCHOR: 5518.57' KB
NO. OF JOINTS: 2 jts (62.81')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5584.18' KB
NO. OF JOINTS: 2 jts (62.98')
TOTAL STRING LENGTH: EOT @ 5648.71' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-2', 1-4', & 1-8' x 3/4" pony rods, 98- 3/4" guided rods, 98- 3/4" slick rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 18" RHAC w/SM plunger
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

09-05-07	5549-5556'	Frac CPI sands as follows: 15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.
09-05-07	5232-5247'	Frac LODC sands as follows: 50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.
09-05-07	4990-5010'	Frac A1 sands as follows: 20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.
09-05-07	4878-4891'	Frac B2 sand as follows: 49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/ avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.
09-06-07	4781-4788'	Frac C sand as follows: 19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/ avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.
09-06-07	4696-4706'	Frac D2 sand as follows: 40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/ avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.
09-06-07	4620-4629'	Frac D1 sand as follows: 30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/ avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.
09-06-07	4055-4062'	Frac GB2 sand as follows: 22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/ avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.

PERFORATION RECORD

08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes


Federal 1-19-9-16 688' FNL & 355' FEL NE/NE Section 19-T9S-R16E Duchesne Co, Utah API # 43-013-33062; Lease # UTU-64379

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5325')
 TUBING ANCHOR: 5337'
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO. OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/4" pony rods, 101 - 3/4" guided rods, 87 - 3/4" sucker rods, 20 - 1/2" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 20' RHAC
 STROKE LENGTH: 100
 PUMP SPEED: SPM 5

FRAC JOB

7-1-09	5348-5354'	Frac CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid.
7-1-09	4820-4838'	Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid.
7-1-09	4679-4685'	Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid.
7-1-09	4436-4444'	Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid.
7-1-09	3982-3998'	Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid.

Cement Top @ 88'

SN @ 5371'

Anchor @ 5337'

5348-5354'

EOT @ 5434'

PBTD @ 5784'

TD @ 5810'

PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes

NEWFIELD

Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

FEDERAL 3-19-9-16

Spud Date: 09/12/07
Put on Production: 10/11/07
GL: 6131' KB: 6143'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.15')
DEPTH LANDED: 324.27' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 153 jts. (5897.02')
DEPTH LANDED: 5945.27' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.
CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5188.32')
TUBING ANCHOR: 5188.3' KB
NO. OF JOINTS: 1 jts (31.11')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5222.2' KB
NO. OF JOINTS: 2 jts (61.63')
TOTAL STRING LENGTH: EOT @ 5297.41' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2', 1-4' & 1-8' x 3/4" pony rods, 100-3/4" guided rods, 82-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 15.5' RHAC
STROKE LENGTH: 74"
PUMP SPEED, 5 SPM:

FRAC JOB

06/27/07 5228-5240' **Frac LODC sands as follows:**
45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal.

06/27/07 4975-4982' **Frac A1 sands as follows:**
24422# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM. ISIP 2248 psi. Calc flush: 4973 gal. Actual flush: 4494 gal.

06/27/07 4823-4831' **Frac B.5 sands as follows:**
29655# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM. ISIP 1907 psi. Calc flush: 4821 gal. Actual flush: 4326 gal.

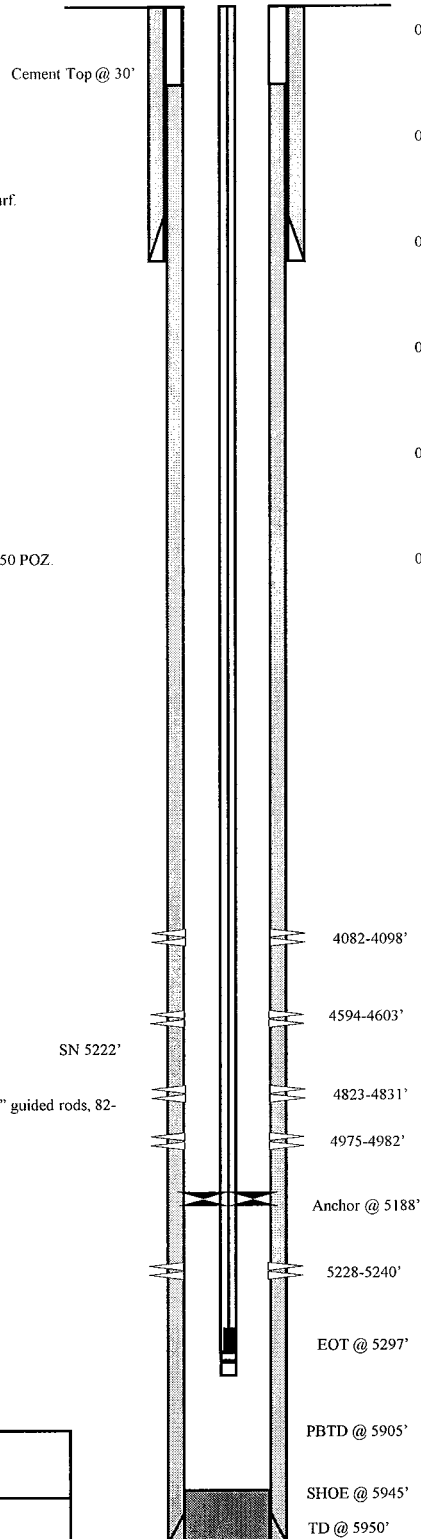
06/27/07 4594-4603' **Frac D1 sands as follows:**
69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.

06/27/07 4082-4098' **Frac GB4 sands as follows:**
84076# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM. ISIP 1836 psi. Calc flush: 4080 gal. Actual flush: 3990 gal.

09/17/10 Pump Change. Rod & tubing detail updated.

PERFORATION RECORD

10/11/07	5228-5240'	4 JSPF	48 holes
10/11/07	4975-4982'	4 JSPF	28 holes
10/11/07	4823-4831'	4 JSPF	32 holes
10/11/07	4594-4603'	4 JSPF	36 holes
10/11/07	4082-4098'	4 JSPF	64 holes



NEWFIELD

FEDERAL 3-19-9-16

699'FNL & 1802' FWL

NE/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33064; Lease # UTU-64379

FEDERAL 5-19-9-16

Spud Date: 08/29/07
Put on Production: 10/08/07

GL: 6182' KB: 6194'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.00')
DEPTH LANDED: 312.85' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (5914.34')
DEPTH LANDED: 5927.59' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 171 jts (5274.0')
TUBING ANCHOR: 5286' KB
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5320.2' KB
NO. OF JOINTS: 2 jts (62.4')
TOTAL STRING LENGTH: EOT @ 5385' KB

SUCKER RODS

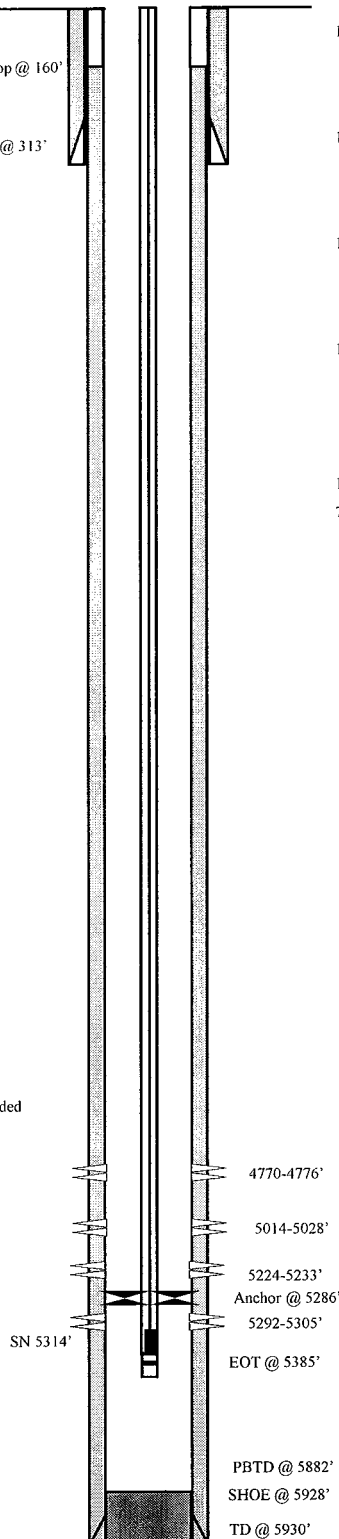
POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4", 1-4" & 1-16" x 3/4" pony rods, 98-3/4" =2450' guided rods, 87-3/4" =2175' guided rods, 20-3/4" =500' guided rods, 6-1 1/2" =150' weight rods, 1-1" =4' stabilizer rod.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 20' NF 1139
STROKE LENGTH: 102"
PUMP SPEED, 5 SPM:

FRAC JOB

10/02/07	5292-5305'	Frac LODC sands as follows: 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal.
10/02/07	5224-5233'	Frac LODC sands as follows: 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.
10/04/07	5014-5028'	Frac A3 sands as follows: 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal.
10/05/07	4770-4776'	Frac C sands as follows: 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal.
10/21/09		Pump Change. Updated rod & tubing details.
7/14/2011		Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPF	52 holes
10/02/07	5224-5233'	4 JSPF	36 holes
10/02/07	5014-5028'	4 JSPF	56 holes
10/04/07	4770-4776'	4 JSPF	24 holes



NEWFIELD

FEDERAL 5-19-9-16

1785'FNL & 544' FWL

SW/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33174; Lease # UTU-64379

FEDERAL 6-19-9-16

Spud Date: 05/13/07
Put on Production: 06/12/07

GL: 5988' KB: 6000'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.05')
DEPTH LANDED: 323.90' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5758.79')
DEPTH LANDED: 5772.04' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 74'

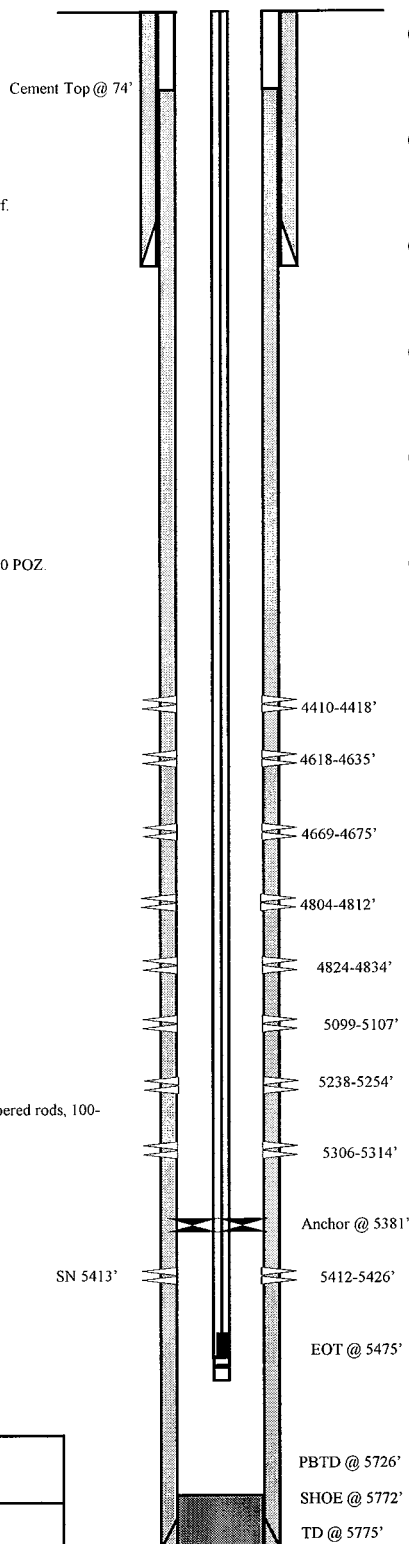
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5368.53')
TUBING ANCHOR: 5380.53' KB
NO. OF JOINTS: 1 jts (29.45')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5412.78' KB
NO. OF JOINTS: 2 jts (60.64')
TOTAL STRING LENGTH: EOT @ 5474.97' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' & 1-8' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 4.5 SPM:

Wellbore Diagram

**FRAC JOB**

06/07/07	5412-5426'	Frac CP3 sands as follows: 34633# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2052 psi w/avg rate of 24.7 BPM. ISIP 2154 psi. Calc flush: 5410 gal. Actual flush: 4906 gal.
06/08/07	5306-5314'	Frac CP1 sands as follows: 24825# 20/40 sand in 338 bbls Lightning 17 frac fluid. Treated @ avg press of 2394 psi w/avg rate of 24.7 BPM. ISIP 2353 psi. Calc flush: 5304 gal. Actual flush: 4843 gal.
06/08/07	5238-5254'	Frac LODC sands as follows: 69984# 20/40 sand in 557 bbls Lightning 17 frac fluid. Treated @ avg press of 2189 psi w/avg rate of 24.7 BPM. ISIP 2569 psi. Calc flush: 5236 gal. Actual flush: 4729 gal.
06/08/07	5099-5107'	Frac LODC sands as follows: 44824# 20/40 sand in 411 bbls Lightning 17 frac fluid. Treated @ avg press of 2128 psi w/avg rate of 24.7 BPM. ISIP 2388 psi. Calc flush: 5097 gal. Actual flush: 4591 gal
06/08/07	4804-4834'	Frac A1&A3 sands as follows: 84070# 20/40 sand in 625 bbls Lightning 17 frac fluid. Treated @ avg press of 1849 psi w/avg rate of 24.7 BPM. ISIP 2309 psi. Calc flush: 4802 gal. Actual flush: 4339 gal
06/08/07	4618-4675'	Frac B1 & B2 sands as follows: 136676# 20/40 sand in 945 bbls Lightning 17 frac fluid. Treated @ avg press of 1720 psi w/avg rate of 24.7 BPM. ISIP 2016 psi. Calc flush: 4616 gal. Actual flush: 4154 gal
06/08/07	4410-4418'	Frac D1 sands as follows: 36368# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg press of 1565 psi w/avg rate of 24.7 BPM. ISIP 1650 psi. Calc flush: 4408 gal. Actual flush: 4368 gal

PERFORATION RECORD

06/05/07	5412-5426'	4 JSPF	56 holes
06/07/07	5306-5314'	4 JSPF	32 holes
06/07/07	5238-5254'	4 JSPF	64 holes
06/08/07	5099-5107'	4 JSPF	32 holes
06/08/07	4824-4834'	4 JSPF	40 holes
06/08/07	4804-4812'	4 JSPF	32 holes
06/08/07	4669-4675'	4 JSPF	24 holes
06/08/07	4618-4635'	4 JSPF	68 holes
06/08/07	4410-4418'	4 JSPF	32 holes

NEWFIELD**FEDERAL 6-19-9-16**

1941' FNL & 1851' FWL

SE/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33100; Lease # UTU-64379

Spud Date: 10-25-07
Put on Production: 12-6-07
GL: 5984' KB: 5996'

Federal 8-19-9-16

Attachment E-7

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309 39')
DEPTH LANDED: 320.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH 150jts (5808 14')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5808.64'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT: 79'

TUBING

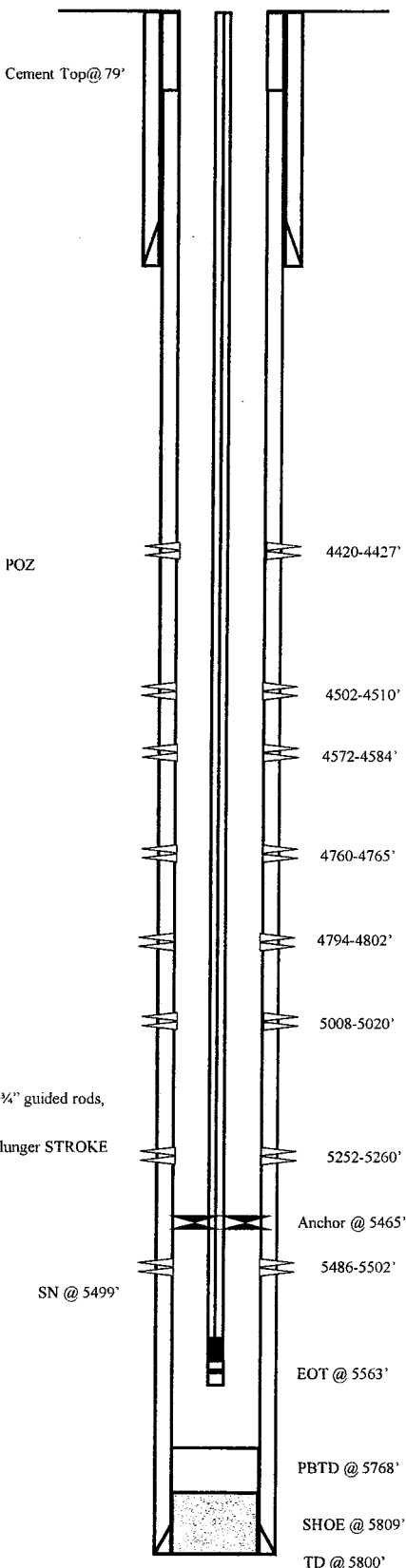
SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5464.5')
TUBING ANCHOR: 5464.5'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 5498.7' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5563.0'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 99- 1/4" guided rods, 95- 1/4" guided rods, 20- 1/4" guided rods,
6- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC pump w/ SM plunger STROKE
LENGTH: 74"
PUMP SPEED, SPM: 5.5'

FRAC JOB

11-20-07	5486-5502'	Frac CP3 sands as follows: Frac with 54412# 20/40 sand in 517bbls Lightning 17 fluid. Treat at 2115 psi @ 24.8 BPM. ISIP 2280 psi.
11-20-07	5252-5260'	Frac LODC sands as follows: Frac with 29857# 20/40 sand in 395 bbls Lightning 17 fluid. Treat at 2503psi @ 24.8 BPM. ISIP 2588psi.
11-21-07	5008-5020'	Frac LODC sands as follows: Frac with 40138# 20/40 sand in 375 bbls Lightning 17 fluid. Treat at 2470psi @ 24.8 BPM. ISIP 2715 psi.
11-21-07	4572-4584'	Frac C sand as follows: Frac with 14617# 20/40 sand in 263 bbls Lightning 17 fluid. Treat at 2150 psi @ 24.8 BPM. ISIP 1945 psi.
11-21-07	4502-4510'	Frac D3 sands as follows: Frac with 34878# 20/40 sand in 496 bbls Lightning 17 fluid. Treat at 2443 psi @ 23.5 BPM. ISIP 2230 psi.
11-28-07	4420-4427'	Frac D1 sands as follows: Frac with 55428# 20/40 sand in 553 bbls Lightning 17 fluid. Treat at 2201 psi @ 23.9 BPM. ISIP 2142 psi.
2/12/2010		Pump change. Updated rod and tubing



PERFORATION RECORD

4420-4427'	4 JSPF	28 holes
4502-4510'	4 JSPF	32 holes
4572-4584'	4 JSPF	48 holes
4760-4765'	4 JSPF	20 holes
4794-4802'	4 JSPF	32 holes
5008-5020'	4 JSPF	48 holes
5252-5260'	4 JSPF	32 holes
5486-5502'	4 JSPF	64 holes

NEWFIELD



Federal 8-19-9-16
2136' FNL & 785' FEL
SENE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33101; Lease #UTU-

Spud Date: 9/27/2007

Put on Production: 1/9/2008

GL 6181' KB 6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (309.84')

DEPTH LANDED: 321'

HOLE SIZE: 12 1/4"

CEMENT DATA: To Surface w/160 sx of class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH:

HOLE SIZE:

DEPTH LANDED: 5884'

CEMENT DATA: 300 sx of Primlite II & 400sx of 50/50 poz

CEMENT TOP AT: 127'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55

NO. OF JOINTS: 169 jts (5506.5')

TUBING ANCHOR: 5518.50' KB

NO. OF JOINTS: 3 jts (97.81')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5619.21' KB

NO. OF JOINTS: 1 jts (32.7')

TOTAL STRING LENGTH: EOT @ 5757'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'

SUCKER RODS: 100-3/4" guided rods, 97-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" weight rods

PUMP SIZE: 2-1/2" x 1-1/2" x 14"X 16' RHAC pump

STROKE LENGTH: 102

PUMP SPEED, SPM: 5

FRAC JOB

12/14/07 5828'-5838' **Frac BS sds w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.**

12/14/07 5558'-5570' **Frac CP3 sds w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.**

12/14/07 5446'-5456' **Frac CP1 sds w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.**

12/14/07 4546'-4561' **Frac D1 & D2 sds w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi. Calc flush: ? Actual Flush: 4460 gals.**

10-1-08 Pump Change updated rod & tubing details.

10-01-10 Recompletion

9-28-10 4932-4561 Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.

9-28-10 4767-4773 Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid

PERFORATION RECORD

12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes
9/28/10	4932-4946'	4JSPF	42 holes
9/28/10	4767-4773'	4JSPF	18holes
9/28/10	4757-4759'	4JSPF	6 holes

SN @ 5619'

Anchor @ 5519'

5558-5570'

EOT @ 5757'

5828-5838'

PBTD @ 5872'

TD @ 5900

NEWFIELD



Federal 10-19-9-16

1890' FSL & 2146' FEL

NW/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33159; Lease #UTU-74391

MB 10-12-10

Federal 11-19-9-16

Spud Date: 10-09-07
Put on Production: 1-8-08
GL: 6199' KB: 6211'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.34')
DEPTH LANDED: 320.34'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152jts. (5907.45')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5905.45'
CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 224' per CBL 12/14/07

TUBING (GI 12/15/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (5521.9)
TUBING ANCHOR: 5533.9'
NO. OF JOINTS: 1 jts (30.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5566.8'
NO. OF JOINTS: 2 jts (62.70')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5632'

SUCKER RODS (GI 12/15/11)

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2' x 3/4" pony rods, 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods, 87- 3/4" guided rods, 89- 3/4" sucker rods, 38- 3/4" guided rods, 6- 1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" x 20 RHAC Pump
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5
PUMPING UNIT: DARCO C-320-256-120

TOC @ 224'

SN @ 5567'

TD @ 5928'

Anchor @ 5534'

EOT @ 5632'

PBTD @ 5859'

FRAC JOB

12-26-07 5558-5574' **Frac CP2 sands as follows:**
Frac with 59775# 20/40 sand in 533bbls Lightning 17 fluid. Treat at 1825 psi @ 23 BPM. ISIP 2111 psi.

12-26-07 5380-5400' **Frac LODC sands as follows:**
Frac with 59263# 20/40 sand in 528 bbls Lightning 17 fluid. Treat at 2001psi @ 23.1 BPM. ISIP 2364psi.

12-27-7 5064-5080' **Frac LODC sands as follows:**
Frac with 75331# 20/40 sand in 618 bbls Lightning 17 fluid. Treat at 2507 psi @ 29.1 BPM. ISIP 2905 psi.

12-27-07 4938-4984' **Frac A3 & A1 sand as follows:**
Frac with 110221# 20/40 sand in 881 bbls Lightning 17 fluid. Treat at 1743 psi @ 23 BPM. ISIP 2079 psi.

12-27-07 4784-4790' **Frac B.5 sands as follows:**
Frac with 20091# 20/40 sand in 301 bbls Lightning 17 fluid. Treat at 2034 psi @ 23 BPM. ISIP 2027 psi.

12-27-07 4548-4558' **Frac D1 sands as follows:**
Frac with 50552# 20/40 sand in 442 bbls Lightning 17 fluid. Treat at 1639 psi @ 23.1 BPM. ISIP 2088 psi.

12-27-07 4010-4030' **Frac GB4 sands as follows:**
Frac with 44039# 20/40 sand in 416 bbls Lightning 17 fluid. Treat at 1391 psi @ 23 BPM. ISIP 1434 psi.

9-16-08 Parted rod. Updated rod & tubing details.

6/15/09 Tubing Leak. Updated r & t details.

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes

NEWFIELD

Federal 11-19-9-16
1778' FSL & 2197' FWL
NESW Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33160; Lease #UTU-74391

FEDERAL 12-19-9-16

Spud Date: 05/04/07
Put on Production: 03/28/07

GL: 6024' KB: 6036'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.23')
DEPTH LANDED: 324.08' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5741.84')
DEPTH LANDED: 5744.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4724.60')
TUBING ANCHOR: 4736.60' KB
NO. OF JOINTS: 1 jts (31.37')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4770.77' KB
NO. OF JOINTS: 2 jts (63.07')
TOTAL STRING LENGTH: EOT @ 4835.39' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-6" & 1-8" x 3/4" pony rods, 99-3/4" guided rods, 75-3/4" plain rods, 10-3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20" RHAC
STROKE LENGTH: 102"
PUMP SPEED, 5 SPM:

Wellbore Diagram

Cement Top @ surface

SN 4771'

Anchor @ 4737'

4764-4774'

EOT @ 4835'

PBTD @ 5710'

SHOE @ 5744'

TD @ 5760'

FRAC JOB

06/06/07 4764-4774'

Frac A1 sands as follows:
49572# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.7 BPM. ISIP 2446 psi. Calc flush: 4762 gal. Actual flush: 4301 gal.

06/06/07 4636-4584'

Frac B2 & B1 sands as follows:
14528# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 24.7 BPM. ISIP 1790 psi. Calc flush: 4634 gal. Actual flush: 4141 gal.

06/06/07 4525-4542'

Frac C sands as follows:
99094# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 24.7 BPM. ISIP 2342 psi. Calc flush: 4523 gal. Actual flush: 4040 gal.

06/06/07 4372-4386'

Frac D1 sands as follows:
93828# 20/40 sand in 683 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 4370 gal. Actual flush: 3919 gal

06/06/07 4304.5-4313.5'

Frac DS3 sands as follows:
17586# 20/40 sand in 243 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.7 BPM. ISIP 2607 psi. Calc flush: 4302.5 gal. Actual flush: 4242 gal

PERFORATION RECORD

06/06/07	4764-4774'	4 JSPF	40 holes
06/06/07	4636-4641'	4 JSPF	20 holes
06/06/07	4584-4589'	4 JSPF	20 holes
06/06/07	4525-4542'	4 JSPF	68 holes
06/06/07	4372-4386'	4 JSPF	56 holes
06/06/07	4304.5-4313.5'	4 JSPF	36 holes

NEWFIELD

FEDERAL 12-19-9-16

1903' FSL & 791' FWL

NWSW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33102; Lease # UTU-74391

FEDERAL 15-19-9-16

Spud Date: 10/29/07
Put on Production: 02/07/08

GL:6218' KB:6230'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 324.84' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5854.09')
DEPTH LANDED: 5867.67' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

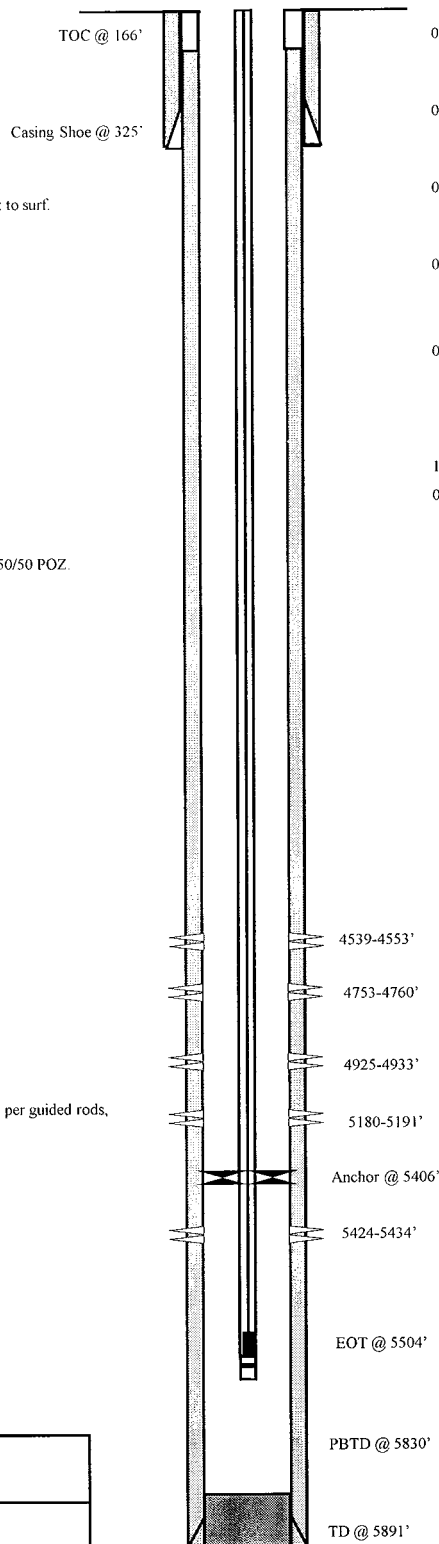
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5393.8')
TUBING ANCHOR: 5406' KB
NO. OF JOINTS: 1 jts (31.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5440' KB
NO. OF JOINTS: 2 jts (62.50')
TOTAL STRING LENGTH: EOT @ 5504.' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4', 6', 8' X 7/8" Pony Rods, 77-3/4" 4 per guided rods, 132-3/4" guided rods, 6-1 1/2" sinker bars.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 5 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

02/01/08	5424-5434'	Frac CPI sands as follows: 19731# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 15.2 BPM. ISIP 2009 psi.
02/01/08	5180-5191'	Frac LODC sands as follows: 29863# 20/40 sand in 404 bbl Lightning 17 frac fluid. Treated @ avg press of 2361 psi w/avg rate of 22.1 BPM. ISIP 2460 psi.
02/01/08	4925-4933'	Frac A1 sands as follows: 15194# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 21.6 BPM. ISIP 2237 psi.
02/01/08	4753-4760'	Frac B.5 sands as follows: 25716# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2072 psi w/avg rate of 22.0 BPM. ISIP 2020 psi.
02/01/08	4539-4553'	Frac D1 sands as follows: 46601# 20/40 sand in 439 bbls Lightning 17 frac fluid. Treated @ avg press of 1712 psi w/avg rate of 22.0 BPM. ISIP 1930 psi.
10/2/09		Tubing Leak. Updated rod & tubing details.
06/28/11		Parted Rods. Rods & tubing updated.

PERFORATION RECORD

5424-5434'	4 JSPF	40 holes
5180-5191'	4 JSPF	44 holes
4925-4933'	4 JSPF	32 holes
4753-4760'	4 JSPF	28 holes
4539-4553'	4 JSPF	56 holes



FEDERAL 15-19-9-16

711' FSL & 1888' FEL

SW/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33162; Lease # UTU-74391

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **SWDIF**Lab Tech: **Gary Peterson**Sample Point: **After production filter**Sample Date: **12/9/2011**Sample ID: **WA-204150**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00
H2S in Water (mg/L):	10.00				

Notes:

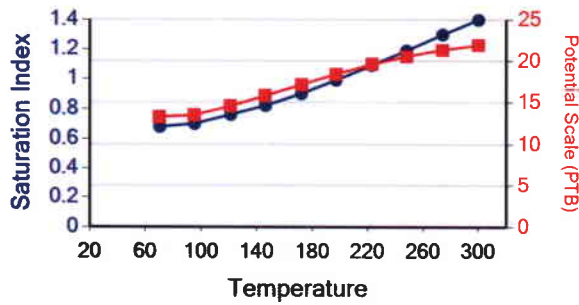
(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

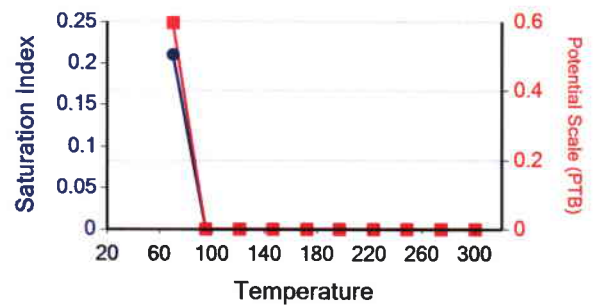
		Hemihydrate CaSO4·0.5H2O		Anhydrite CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

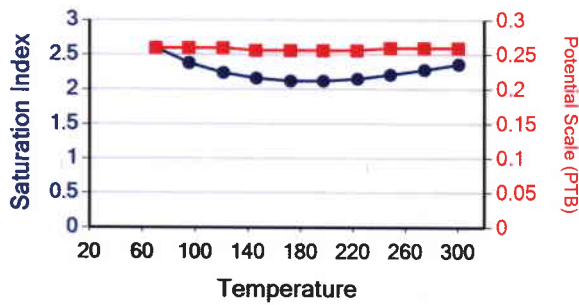
Calcium Carbonate



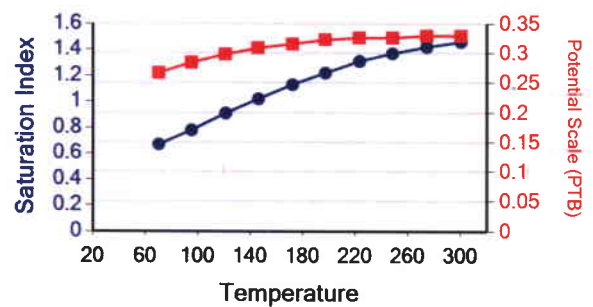
Barium Sulfate



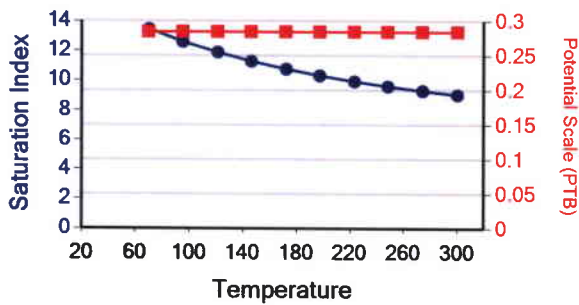
Iron Sulfide



Iron Carbonate



Lead Sulfide



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **FEDERAL 7-19-9-16**Lab Tech: **Gary Peterson**

Sample Point:

Sample Date: **4/11/2012**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)Sample ID: **WA-211340**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	4/25/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	6138.18	Chloride (Cl):	8500.00
System Pressure 1 (psig):	3000.0000	Potassium (K):	45.70	Sulfate (SO ₄):	9.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	6.20	Bicarbonate (HCO ₃):	1781.20
System Pressure 2 (psig):	14.7000	Calcium (Ca):	8.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
pH:	9.30	Barium (Ba):	2.00	Propionic Acid (C ₂ H ₅ COO)	0.00
Calculated TDS (mg/L):	16491.18	Iron (Fe):	0.80	Butanoic Acid (C ₃ H ₇ COO)	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.01	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.07	Fluoride (F):	0.00
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
H ₂ S in Water (mg/L):	0.00	Manganese (Mn):	0.02	Silica (SiO ₂):	0.00

Notes:

(PTB = Pounds per Thousand Barrels)

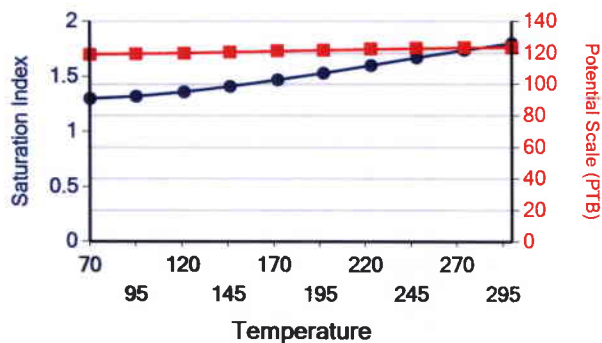
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.30	6.64	0.00	0.00	0.00	0.00	2.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	1.32	6.66	0.00	0.00	0.00	0.00	2.12	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	1.36	6.69	0.00	0.00	0.00	0.00	2.23	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	1.41	6.72	0.00	0.00	0.00	0.00	2.32	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	1.47	6.76	0.00	0.00	0.00	0.00	2.41	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	1.53	6.79	0.00	0.00	0.00	0.00	2.48	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	1.60	6.82	0.00	0.00	0.00	0.00	2.54	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	1.67	6.85	0.00	0.00	0.00	0.00	2.57	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	1.74	6.87	0.00	0.00	0.00	0.00	2.59	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	1.80	6.89	0.00	0.00	0.00	0.00	2.58	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrite CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

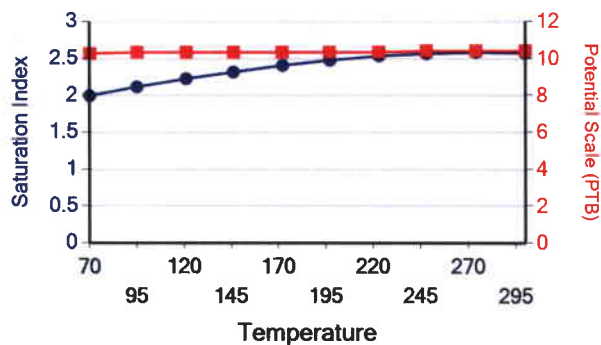
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate

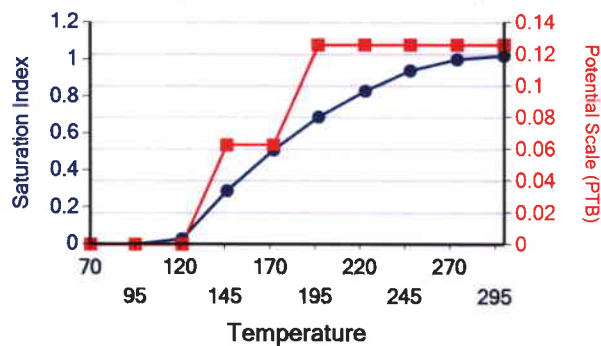
Calcium Carbonate



Iron Carbonate



Zinc Carbonate



Attachment "G"

**Federal #7-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5410	5434	5422	2660	0.92	2625
5259	5266	5263	2197	0.85	2163
4916	4923	4920	2175	0.88	2143
4843	4848	4846	1944	0.83	1913
4564	4579	4572	1984	0.87	1954
4564	4579	4572	1731	0.81	1701
				Minimum	<u>1701</u> ←

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/20/2007 Day: 1
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5410-5434'	4/96

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/19/2007 SITP: SICP: 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5801' & cement top @ 175'. Perforate stage #1, LODC sds @ 5410-34' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120) w/ 4 spf for total o 96 shots. 110 BWTR. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 110 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 110 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

Weatherford BOP	\$540
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$7,507
Drilling cost	\$275,781
Zubiate Hot Oil	\$578
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervision	\$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

DAILY COST: \$291,806

TOTAL WELL COST: \$291,806



DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/29/2007 Day: 2a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5410-5434'	4/96

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/2007 SITP: SICP: 0

Day 2a, Stage #1, LODC sds.

RU BJ Services. 0 psi on well. Frac LODC sds w/ 109,202#'s of 20/40 sand in 819 bbls of Lightning 17 fluid. Broke @ 3164 psi. Treated w/ ave pressure of 2224 psi w/ ave rate of 23.1 BPM. ISIP 2660 psi. Leave pressure on well 929 BWTR. See day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 110 Starting oil rec to date:
 Fluid lost/recovered today: 819 Oil lost/recovered today:
 Ending fluid to be recovered: 929 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: LODC sds down casing

1289 gals of Techna Hib & to cross link

8300 gals of pad

5625 gals w/ 1-5 ppg of 20/40 sand

11250 gals w/ 5-8 ppg of 20/40 sand

2520 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4906 gals of slick water

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2622 Max Rate: 23.2 bpm Total fluid pmpd: 819 bbls

Avg TP: 2224 Avg Rate: 23.1 bpm Total Prop pmpd: 109,202#'s

ISIP: 2660 5 min: 10 min: FG: .92

Completion Supervisor: Don Dulen

BJ Services	\$35,737
CD Trucking	\$2,240
NPC gas	\$306
NPC supervisor	\$50

DAILY COST: \$38,333

TOTAL WELL COST: \$330,139



DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/29/2007 Day: 2b
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____
 CBP @ 5370'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5410-5434'	4/96
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/2007 SITP: _____ SICP: 1906

Day 2b, Stage #2 LODC sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' per gun. Set plug @ 5370'. Perforate LODC sds @ 5259-66' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90) w/ 4 spf for total of 28 shots. RU BJ Services. 1906 psi on well. Frac LODC sds w/ 39,849#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3747 psi. Treated w/ ave pressure of 2270 psi w/ ave rate of 22.9 BPM. ISIP 2197 psi. Leave pressure on well. 1338 BWTR. See day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 929 Starting oil rec to date: _____
 Fluid lost/recovered today: 409 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1338 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: LODC sds down casing

1189 gals of Techna Hib & to cross link

3200 gals of pad

2500 gals w/ 1-5 ppg of 20/40 sand

5005 gals w/ 5-8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4759 gals of slick water

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2630 Max Rate: 23.2 bpm Total fluid pmpd: 409 bbls

Avg TP: 2270 Avg Rate: 22.9 bpm Total Prop pmpd: 39,849#'s

ISIP: 2197 5 min: _____ 10 min: _____ FG: .85

Completion Supervisor: Don Dulen

BJ Services	\$9,374
CD Trucking	\$832
NPC gas	\$114
Weatherford tools	\$2,600
Lone Wolf WL	\$2,423
NPC Supervisor	\$50

DAILY COST: \$15,393

TOTAL WELL COST: \$345,532

NEWFIELD



ATTACHMENT G-1

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DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/29/2007 Day: 2c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____
 CBP @ 5020', 5370'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5410-5434'	4/96
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/2007 SITP: _____ SICP: 1712

Day 2c, Stage #3, A.5 sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7' per gun. Set plug @ 5020'. Perforate A.5 sds @ 4916-23' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90) w/ 4 spf for total of 28 shots. RU BJ Services. 1712 psi on well. Frac A.5 sds w/ 19,0567#'s of 20/40 sand in 298 bbls of Lightning 17 fluid. Broke @ 3666 psi. Treated w/ ave pressure of 2017 psi w/ ave rate of 23.1 BPM. ISIP 2175 psi. Leave pressure on well. 1636 BWTR. See day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1338 Starting oil rec to date: _____
 Fluid lost/recovered today: 298 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1636 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: A.5 sds down casing

1168 gals of Techna Hib & to cross link

2000 gals of pad

1511 gals w/ 1-4 ppg of 20/40 sand

2923 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4410 gals of slick water

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2313 Max Rate: 23.2 bpm Total fluid pmpd: 298 bbls

Avg TP: 2017 Avg Rate: 23.1 bpm Total Prop pmpd: 19,057#'s

ISIP: 2175 5 min: _____ 10 min: _____ FG: .88

Completion Supervisor: Don Dulen

COSTS

BJ Services	\$5,802
CD Trucking	\$384
NPC gas	\$53
Weatherford tools	\$2,600
Lone Wolf WL	\$2,423
NPC Supervisor	\$50

DAILY COST: \$11,312

TOTAL WELL COST: \$356,844



DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/29/2007 Day: 2d
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:
 CBP @ 4900', 5020', 5370'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5410-5434'	4/96
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/2007 SITP: SICP: 1507

Day 2d, Stage #4, B1 sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 5' per gun. Set plug @ 4900'. Perforate B1 sds @ 4843-48' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90) w/ 4 spf for tota of 20 shots. RU BJ Services. 1507 psi on well. Frac B1 sds w/ 14,207#'s of 20/40 sand in 260 bbls of Lightning 17 fluid. Broke @ 3543 psi. Treated w/ ave pressure of 2112 psi w/ ave rate of 23.1 BPM. ISIP 1944 psi. Leave pressure on well. 1896 BWTR. See day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1636 Starting oil rec to date:
 Fluid lost/recovered today: 260 Oil lost/recovered today:
 Ending fluid to be recovered: 1896 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: B1 sds down casing
1248 gals of Techna Hib & to cross link
1500 gals of pad
1149 gals w/ 1-4 ppg of 20/40 sand
2193 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4343 gals of slick water

COSTS

BJ Services	\$17,910
CD Trucking	\$320
NPC gas	\$44
Weatherford tools	\$2,600
Lone Wolf WL	\$1,731
NPC Supervisor	\$50

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2366 Max Rate: 23.3 bpm Total fluid pmpd: 260 bbls
 Avg TP: 2112 Avg Rate: 23.1 bpm Total Prop pmpd: 14,207#'s
 ISIP: 1944 5 min: 10 min: FG: .84

Completion Supervisor: Don Dulen

DAILY COST: \$22,655
 TOTAL WELL COST: \$379,499



DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/29/2007 Day: 2e
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: CBP @ 4680'
 CBP @ 4900', 5020', 5370'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5410-5434'	4/96
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/2007 SITP: SICP: 1466

Day 2e, Stage #5, D1 sds.

RU Lone Wolf, lic WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 15' per gun. Set plug @ 4680'. Perforate D1 sds @ 4564-79' w/ 3-1/8" Slick Guns (.369"EH, 22.7 gram, 90) w/ 4 spf for tota of 60 shots. RU BJ Services. 1466 psi on well. Frac D1 sds w/ 79,967#'s of 20/40 sand in 617 bbls of Lightning 17 fluid. Broke @ 3400 psi. Treated w/ ave pressure of 1666 psi w/ ave rate of 23.1 BPM. ISIP 1984 psi. Leave pressure on well. 2513 BWTR. See day 2f.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1896 Starting oil rec to date:
 Fluid lost/recovered today: 617 Oil lost/recovered today:
 Ending fluid to be recovered: 2513 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: D1 sds down casing

1315 gals of Techna Hib & to cross link

6000 gals of pad

4000 gals w/ 1-5 ppg of 20/40 sand

8000 gals w/ 5-8 ppg of 20/40 sand

2096 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 3986 gals of slick water

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2132 Max Rate: 23.3 bpm Total fluid pmpd: 617 bbls

Avg TP: 1666 Avg Rate: 23.1 bpm Total Prop pmpd: 79,967#'s

ISIP: 1984 5 min: 10 min: FG: .87

Completion Supervisor: Don Dulen

COSTS

BJ Services	\$16,738
CD Trucking	\$1,664
NPC gas	\$228
Weatherford tools	\$2,600
Lone Wolf WL	\$5,191
NPC Supervisor	\$50

DAILY COST: \$26,471

TOTAL WELL COST: \$405,970



DAILY COMPLETION REPORT

WELL NAME: Federal 7-19-9-16 Report Date: 11/29/2007 Day: 2f
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ CBP @ 4230', 4680'
 CBP @ 4900', 5020', 5370'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4081-4087'	4/24	LODC sds	5410-5434'	4/96
GB6 sds	4119-4128'	4/36			
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/2007 SITP: _____ SICP: 1615

Day 2f, Stage #6, GB4 & GB6sds.

RU Lone Wolf, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 4, 9 perf guns. Set plug @ 4230'. Perforate GB6 sds @ 4119-28' & GB4 sds @ 4081-87' w/ 3-1/8" Slick Guns (.369"EH 22.7 gram, 90) w/ 4 spf for total of 60 shots. RU BJ Services. 1615 psi on well. Frac GB4 & GB6 sds w/ 39,102#'s of 20/40 sand in 395 bbls of Lightning 17 fluid. Broke @ 3668 psi. Treated w/ ave pressure of 1725 psi w/ ave rate of 23.1 BPM. ISIP 1731 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 7 hrs. & died. Recovered 400 bbls. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2513 Starting oil rec to date: _____
 Fluid lost/recovered today: 5 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2508 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: GB4 & GB6 sds down casing

1222 gals of Techna Hib & to cross link

3600 gals of pad

2819 gals w/ 1-5 ppg of 20/40 sand

4938 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 3990 gals of slick water

COSTS

BJ Services	\$27,522
CD Trucking	\$960
NPC gas	\$131
Weatherford tools	\$2,600
Lone Wolf WL	\$5,191
NPC Supervisor	\$50
NPC flowback hand	\$180
Unichem Chemicals	\$400
Liddel Trucking	\$800
Monk's pit reclaim	\$1,800
NPC surface equip.	\$130,000
Boren Construction	\$19,500
NDSI water disposal	\$3,000
DAILY COST:	\$192,134
TOTAL WELL COST:	\$598,104

Max TP: 1968 Max Rate: 23.2 bpm Total fluid pmpd: 395 bbls

Avg TP: 1725 Avg Rate: 23.1 bpm Total Prop pmpd: 39,102#'s

ISIP: 1731 5 min: _____ 10 min: _____ FG: .86

Completion Supervisor: Don Dulen



WELL NAME: Federal 7-19-9-16 **Report Date:** 12/3/2007 **Day:** 3
Operation: Completion **Rig:** Leed #712

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 2635' CBP @ 4230', 4680'
CBP @ 4900', 5020', 5370'

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4081-4087'	4/24	LODC sds	5410-5434'	4/96
GB6 sds	4119-4128'	4/36			
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

Date Work Performed: 11/30/2007 **SITP:** **SICP:** 0

RU Leed #712. ND Cameron BOP. & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit. bit sub & 85 new 2 7/8" tbq. from pipe rack (tallying & drifting). SWIFN.

<p>Starting fluid load to be recovered: <u>2508</u></p> <p>Fluid lost/<u>recovered</u> today: <u>0</u></p> <p>Ending fluid to be recovered: <u>2508</u></p> <p>IFL: FFL: FTP:</p>	<p>Starting oil rec to date: _____</p> <p>Oil lost/recovered today: _____</p> <p>Cum oil recovered: _____</p> <p>Choke: Final Fluid Rate: Final oil cut:</p>
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[illegible]

WELL NAME: Federal 7-19-9-16 **Report Date:** 12/4/2007 **Day:** 4
Operation: Completion **Rig:** Leed #712

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5801' WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4940' BP/Sand PBTD: _____
CBP @ 4900', 5020', 5370'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4081-4087'	4/24	LODC sds	5410-5434'	4/96
GB6 sds	4119-4128'	4/36			
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/3/2007 **SITP:** **SICP:** 0

Cont. RIH w/ tbg. Tag CBP @ 4230'. RU powerswivel & pump. DU CBP in 20 min. Cont. RIH w/ tbg. Tag @ 4660'. C/O to CBP @ 4680'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag @ 4875'. C/O to CBP @ 4900'. Circulate well clean. Pull up to 4940'. SWIFN.

FLUID RECOVERY (BBLS)

<p>Starting fluid load to be recovered: <u>2508</u></p> <p>Fluid lost/recovered today: <u>0</u></p> <p>Ending fluid to be recovered: <u>2508</u></p>	<p>Starting oil rec to date: _____</p> <p>Oil lost/recovered today: _____</p> <p>Cum oil recovered: _____</p>
<p>IFL: FFL: FTP:</p>	<p>Choke: Final Fluid Rate: Final oil cut:</p>

COSTS

[illegible]

WELL NAME: Federal 7-19-9-16 **Report Date:** 12/5/2007 **Day:** 5
Operation: Completion **Rig:** Leed #712

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5837'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5775' BP/Sand PBTD: _____

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4081-4087'	4/24	LODC sds	5410-5434'	4/96
GB6 sds	4119-4128'	4/36			
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

Date Work Performed: 12/4/2007 **SITP:** **SICP:** 0

RIH w/ tbg. Tag CBP @ 4900'. Started drilling on CBP. Blew out O-ring on powerswivel. RD powerswivel. RU new powerswivel. Cont. drilling on CBP. DU CBP in 10 min. Cont. RIH w/ tbg. Tag CBP @ 5020'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag CBP @ 5370'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag @ 5750'. C/O to PBSD @ 5837'. Circulate well clean. Pull up to 5775'. Made 1 swab run. SFL @ surface. Recovered 12 bbls. No oil, gas or sand EFL @ surface. SWIFN.

Starting fluid load to be recovered:	<u>2508</u>	Starting oil rec to date:	<u> </u>
Fluid lost /recovered today:	<u>150</u>	Oil lost/recovered today:	<u> </u>
Ending fluid to be recovered:	<u>2658</u>	Cum oil recovered:	<u> </u>
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

[illegible]

WELL NAME: Federal 7-19-9-16 Report Date: 12/6/2007 Day: 6
Operation: Completion Rig: Leed #712

WELL STATUS

Surf Csg:	<u>8-5/8'</u>	@	<u>316"</u>	Prod Csg:	<u>5-1/2"</u>	@	<u>5943'</u>	Csg PBTD:	<u>5837'</u>
Tbg:	Size: <u>2 7/8"</u>		Wt: <u>6.5#</u>	Grd:	<u>J-55</u>	Pkr/EOT @:	<u>5775'</u>	BP/Sand PBTD:	<u></u>

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4081-4087'	4/24	LODC sds	5410-5434'	4/96
GB6 sds	4119-4128'	4/36			
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/5/2007 **SITP:** **SICP:** 0

RIH w/ swab. SFL @ 200'. Made 11 runs. Recovered 150 bbls. Trace of oil, no show of sand. EFL @ 1100'. RC swab. RIH w/ tbg. Tag PBTD @ 5837'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 2 7/8" tbg. to 5650'. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>2658</u> Fluid <u>lost</u>/recovered today: <u>50</u> Ending fluid to be recovered: <u>2708</u> IFL: FFL: FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: _____ Final oil cut: _____
---	---

COSTS

[illegible]

DAILY COST: \$7,585

TOTAL WELL COST: \$647,414

Completion Supervisor: Don Dulen

12 of 12

WELL NAME: Federal 7-19-9-16 Report Date: 12/7/2007 Day: 7
Operation: Completion Rig: Leed #712

WELL STATUS

Surf Csg: 8-5/8' @ 316' Prod Csg: 5-1/2" @ 5943' Csg PBTD: 5837'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5775' BP/Sand PBTD: _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB4 sds	4081-4087'	4/24	LODC sds	5410-5434'	4/96
GB6 sds	4119-4128'	4/36			
D1 sds	4564-4579'	4/60			
B1 sds	4843-4848'	4/20			
A.5 sds	4916-4923'	4/28			
LODC sds	5259-5266'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/6/2007 **SITP:** **SICP:** 0

ND BOP. Set TAC @ 5416' w/ 15,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w. CDI 2 1/2" x 1 1/2" x 14' x 18' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 90- 3/4" slick rods, 100- 3/4" guided rods, 1- 3/4" slick rod, 1- 6', 4' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Stroke test to 800 psi. Adjust tag. RD Leed #712. Put well on production @ 3:00 p.m. 5.5 spm, 120" stroke length. Final Report.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>2658</u> Fluid lost /recovered today: <u>50</u> Ending fluid to be recovered: <u>2708</u> IFL: FFL: FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: Final oil cut: _____	
--	---	--

TUBING DETAIL

ROD DETAIL

COSTS

		1 1/2" X 26' polished rod	Leed #712	\$4,832
KB	12.00'	1- 4', 6' x 3/4" pony subs	Weatherford BOP	\$250
172	2 7/8 J-55 tbg (5412.80')	1- 3/4" slick rods	NPC frac tk(8x10day)	\$3,200
	TA (2.80' @ 5412.80' KB)	100- 3/4" scraped rods	NPC frac head	\$500
1	2 7/8 J-55 tbg (31.50')	90- 3/4" plain rods	NPC swab tk(7 days)	\$280
	SN (1.10' @ 5447.10' KB)	20- 3/4" scraped rods	"A" grade rod string	\$11,325
2	2 7/8 J-55 tbg (62.06')	6- 1 1/2" weight rods	polished rod pkg.	\$1,500
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 14' x 18'	NPC supervisor	\$300
EOT	5510.71' W/ 12' KB	RHAC pump W/ SM plunger		

DAILY COST:	\$22,187
TOTAL WELL COST:	\$669,601

Completion Supervisor: Don Dulen

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4031'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 157' balance plug using 19 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 40 sx Class "G" cement down 5 1/2" casing to 360'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 7-19-9-16

Attachment H-1

Spud Date: 09/25/07
Put on Production: 12/06/07
GL: 6137' KB: 6149'

Initial Production: BOPD,
MCFD, BWPD

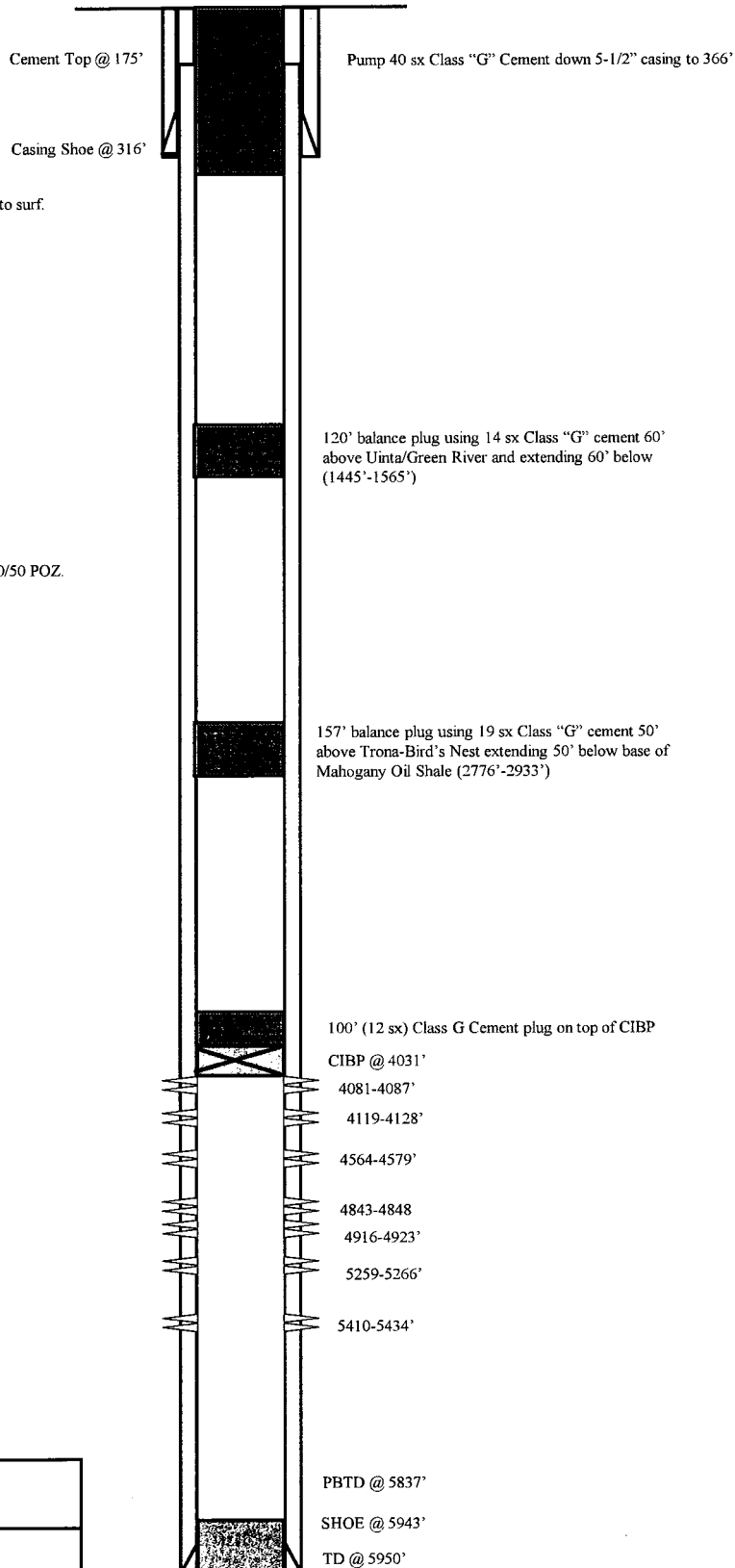
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 316.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5929.84')
DEPTH LANDED: 5943.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 175'



NEWFIELD



FEDERAL 7-19-9-16

1958'FNL & 2161' FEL

SW/NE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33158; Lease # UTU-64379

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1958 FNL 2161 FEL
SWNE Section 19 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.
FEDERAL 7-19-9-16

9. API Well No.
4301333158

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

11. County or Parish, State
DUCHESNE, UT

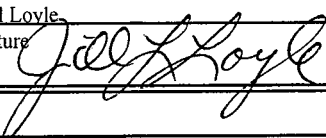
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jill Loyle
Signature 

Title
Regulatory Technician
Date
05/11/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title _____ Date _____
Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 13-9-9-16, FEDERAL 5-15-9-16, FEDERAL 7-19-9-16,
FEDERAL 7-21-9-16, FEDERAL 13-21-9-16, FEDERAL 3-22-9-16**

Cause No. UIC-394

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

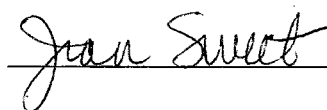
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

A handwritten signature in cursive script, reading "Jean Sweet", is written over a horizontal line.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/7/2012 12:58 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

On 6/6/2012 3:02 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

It will run June 12.
Thank you
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 6, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-394

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/7/2012 10:37 AM
Subject: Legal Notice
Attachments: OrderConf.pdf

AD# 799170
Run Trib/DNews - 6/11
Cost \$226.76
Thank you
Mark

Order Confirmation for Ad #0000799170-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114

Fax	801-359-3940	Ordered By	Acct. Exec
EMail	earlenerussell@utah.gov	Jean	mfullz

Total Amount	\$226.76			
Payment Amt	\$0.00			
Amount Due	\$226.76	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC-394	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 66 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/11/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/11/2012	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-895-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injector wells:

Greater Monument Butte Units:

Federal 13-9-9-16 well located in SW/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33052
Federal 5-15-9-16 well located in SW/4 NW/4, Section 15, Township 9 South, Range 16 East API 43-013-33138
Federal 7-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

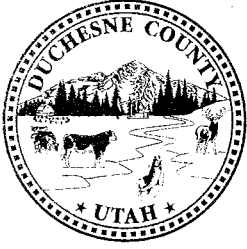
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Dated this 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
799170

UPAXLP



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 8, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-394)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 6 wells, located in Sections 9, 15, 19, 21 and 22, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

pc: Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

P:\Mike\DOGM Correspondence\Newfield Injection Wells25.doc

RECEIVED

JUN 11 2012

DIV. OF OIL, GAS & MINING

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/11/2012

RECEIVED

JUN 14 2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000799170 /
SCHEDULE	
Start 06/11/2012	End 06/11/2012
CUST. REF. NO.	
UIC-394	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
66 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
226 76	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-394

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Federal 3-19-9-16 well located in SW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33158
Federal 7-21-9-16 well located in SW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33022
Federal 13-21-9-16 well located in SW/4 SW/4, Section 21, Township 9 South, Range 16 East API 43-013-33142
Federal 3-22-9-16 well located in NE/4 NW/4, Section 22, Township 9 South, Range 16 East API 43-013-33024

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Dated this 5th day of June, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING

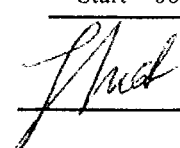
/s/
Brad Hill
Permitting Manager
799170


UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-394 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAH.LEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAH.LEGALS.COM INDEFINITELY.

PUBLISHED ON Start 06/11/2012 End 06/11/2012

SIGNATURE  6/11/2012

 VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 591469
My Commission Expires
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066

Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number	Invoice Date
31922	6/13/2012

Advertiser No.	Invoice Amount	Due Date
2080	\$120.25	7/13/2012

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

RECEIVED
 JUN 19 2012
 DIV OF OIL GAS & MINING

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 31922		6/13/2012	
Date	Order	Description		Ad Size	SubTotal	Sales Tax	Amount	
6/13/2012	15872	UBS	UBS Legal Notice: Notice of Agency Action: Newfield Cause No. UIC-394 Pub. June 12, 2012				\$120.25	
					Sub Total:		\$120.25	
					Total Transactions: 1		Total: \$120.25	

SUMMARY Advertiser No. 2080 Invoice No. 31922

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 12 day of June, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of June, 20 12, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Publisher

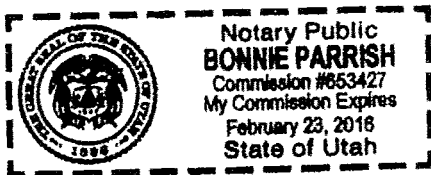
Subscribed and sworn to before me on this

18 day of June, 20 12

by Kevin Ashby.



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-394

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 15, 19, 21, AND 22, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for con-

013-33024

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
Brad Hill

Published in the
Uintah Basin Standard
June 12, 2012.

He is Salt Lake
Union's
of 1998.
things.
one-on-or
I got so
as Mayor.

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 7-19-9-16

Location: 19/9S/16E **API:** 43-013-33158

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 316 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,943 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,876 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,031 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 12 producing wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,889 feet and 5,837 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-19-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,701 psig. The requested maximum pressure is 1,701 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 7-19-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 7/13/2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 25, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 7-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33158

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,889 feet in the Federal 7-19-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

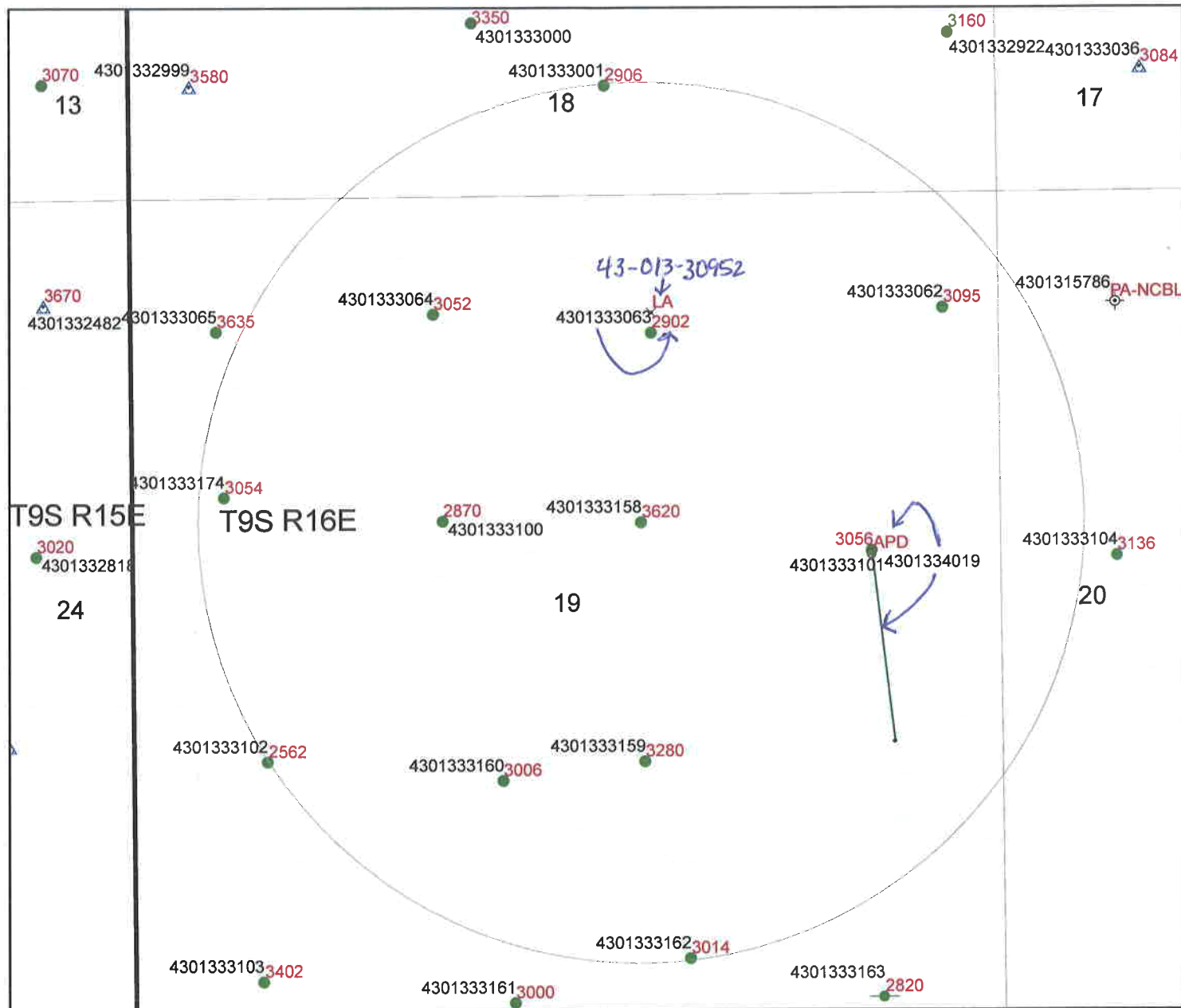
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
FEDERAL 7-19-9-16
API #43-013-33158
UIC 394.3

Legend

Buffer_of_SGID93_ENERGY_DNROilGasWells_122
SGID93_ENERGY_DNROilGasWells

SGID93_ENERGY_DNROilGasWells

GIS_STAT_TYPE

○ APD

⊙ DRL

⊙ GIW

⊙_{GS} GSW

× LA

○ LOC

● OPS

⊙ PA

⊙ PGW

● POW

▲ RET

⊙ SGW

⊙ SOW

⊙ TA

○ TW

⊙ WDW

▲ WW

● WSW

SGID93_BOUNDARIES_Countries

• SGID93_ENERGY_DNROilGasWells_HDBottom

SGID93_ENERGY_DNROilGasWells_HDPath

• Wells-CbltopsMaster07_06_12

0 0.05 0.1 0.2 0.3 0.4 Miles



1870calc = approx cement top calculated from well completion report



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

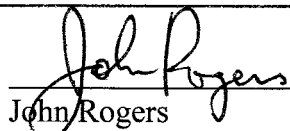
Cause No. UIC-394

Operator: Newfield Production Company
Well: Federal 7-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33158
Well Type: Enhanced Recovery (waterflood)

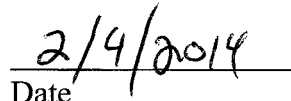
Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 25, 2012.
2. Maximum Allowable Injection Pressure: 1,701 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,889' – 5,837')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

Date



JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 7-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1958 FNL 2161 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331580000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 01/20/2014. On 01/21/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/21/2014 the casing was pressured up to 1662 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 31, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/30/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Christensen Date 1/21/14 Time 11:50 am pm

Test Conducted by: Danny Daniels

Others Present: _____

Well: Ashle/Fed-19-9-10

Field: monument Butte

Well Location: Sw/NE Sec. 19, T4S, R16E API No: 4301333158
Duchesne county

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1166 0</u>	psig
5	<u>1166 2</u>	psig
10	<u>1166 2</u>	psig
15	<u>1166 2</u>	psig
20	<u>1166 2</u>	psig
25	<u>1166 2</u>	psig
30 min	<u>1166 2</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

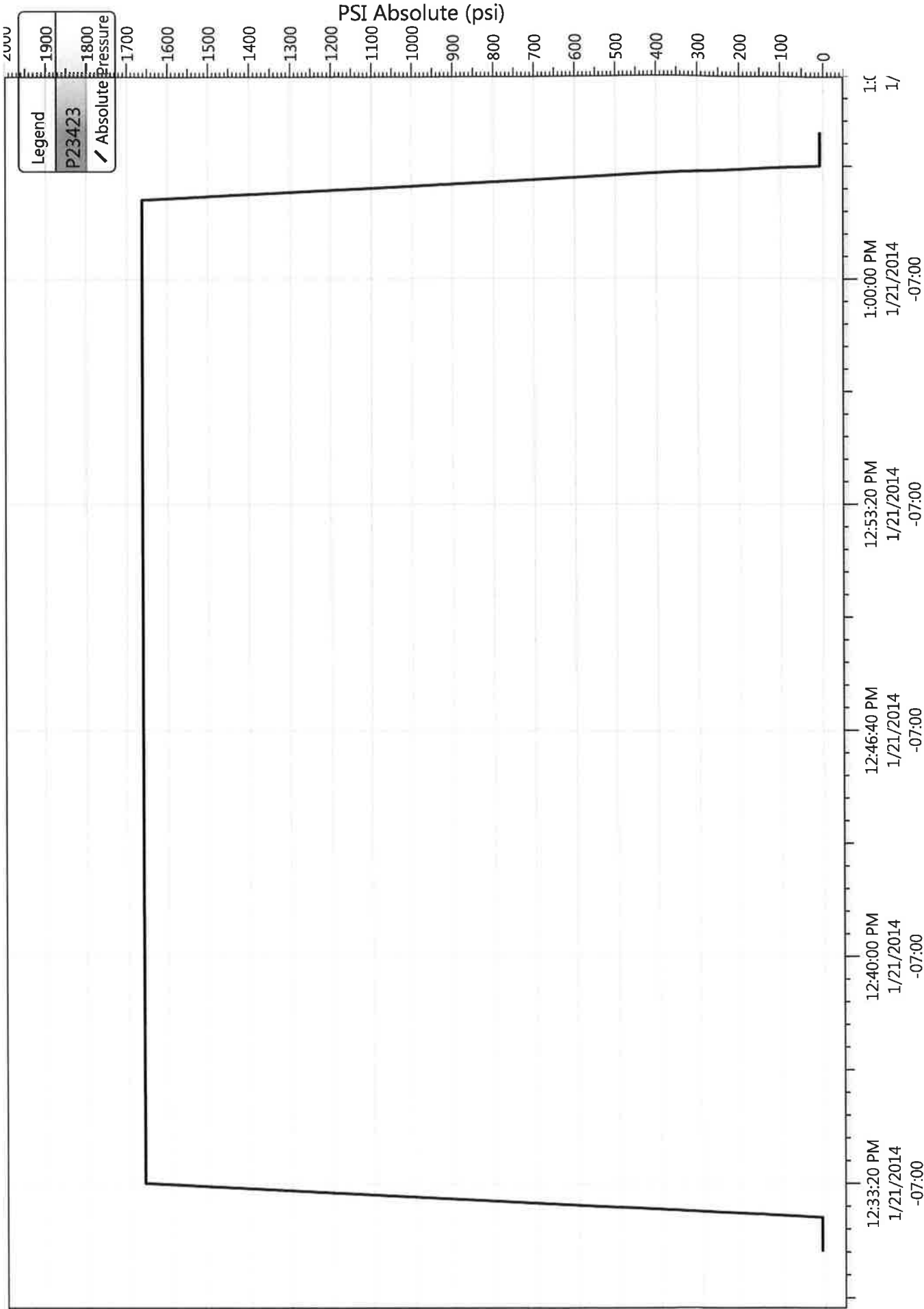
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: [Signature]

7-19-9-15
1/21/2014 12:31:08 PM



Daily Activity Report

Format For Sundry

FEDERAL 7-19-9-16

11/1/2013 To 3/28/2014

1/20/2014 Day: 1

Conversion

WWS #5 on 1/20/2014 - 7:00 Load out & move from FED 8-19 TO FED 7-19 MIRU, Pump 60 BBLS H2O Down CSG, Remove head, unseat pump - 7:00 Load out & move from FED 8-19 TO FED 7-19 MIRU, Pump 60 BBLS H2O Down CSG, Remove head, unseat pump @ 4000# over string WT, Flush rods W/ 40 BBLS H2O, Fill & test TBG To 3000 PSI-OK, LD 1 1/2 X 26' Polish rod 1-6' & 1-4' 3/4" pony rods 100-3/4 4 PER 91-3/4 Slicks 20-3/4 4 PER 6-1 1/2 WT bars LD 2 1/2 X 1 1/2 X 20 RHAC CEN HYD Pump, Stopped once & flushed W/ 30 BBLS, ND Well head TAC not set, strip on 5000# BOPS RU floor & TBG Works, TOO H breaking & redoping every connection W/ 60 JTS 2 7/8 TBG EOT @ 3618' CWI @ 6:00 6:00-7:00 Crew Travel

Daily Cost: \$0

Cumulative Cost: \$17,794

1/21/2014 Day: 2

Conversion

WWS #5 on 1/21/2014 - 7:00 Flush TBG W/ 30 BBLS H2O, CONT TOO H breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD 47 JTS 2 7/8 TBG LD 5 1/2 B-2 TAC PSN & NC, PU & TIH W/ 2 3/8 RE entry guide, 2 3/8 profile nipple, - 7:00 Flush TBG W/ 30 BBLS H2O, CONT TOO H breaking & redoping every collar W/ 68 JTS 2 7/8 TBG, LD 47 JTS 2 7/8 TBG LD 5 1/2 B-2 TAC PSN & NC, PU & TIH W/ 2 3/8 RE entry guide, 2 3/8 profile nipple, 2 3/8 4' tbg sub, 2 7/8 x 2 3/8 X-over, 5 1/2" Arrow set-1 PKR, ON/OFF tool, PSN & 128 JTS 2 7/8 TBG, Pump 10 BBL pad, CIRC SV to PSN, Test TBG To 3000 PSI-OK, RU & RIH W/ sandline RET SV, POOH & Rack out sandline, RD Floor & TBG works, strip off 5000# BOPS, Land TBG W/ B-1 Adaptor flange, pump 65 BBLS Fresh H2O & PKR Fluid, Set 5 1/2" Arrow set-1 PKR W/ 15000# Tension @ 4039' psn @ 4033' & eot @ 4049' land TBG W/ B-1 Adaptor Flange NU Well head, Fill & test PKR & CSG To 1400 PSI for 30 MIN-Good test RDMO @ 5:30 5:30 Crew Travel

Daily Cost: \$0

Cumulative Cost: \$25,028

1/27/2014 Day: 3

Conversion

WWS #5 on 1/27/2014 - Conduct initial MIT - On 01/21/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/21/2014 the casing was pressured up to 1662 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$57,240

Pertinent Files: [Go to File List](#)

Spud Date: 09/25/07
 Put on Production: 12/06/07
 GL: 6137' KB: 6149'

FEDERAL 7-19-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 316.01' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5929.84')
 DEPTH LANDED: 5943.09' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite fl mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 175'

TUBING

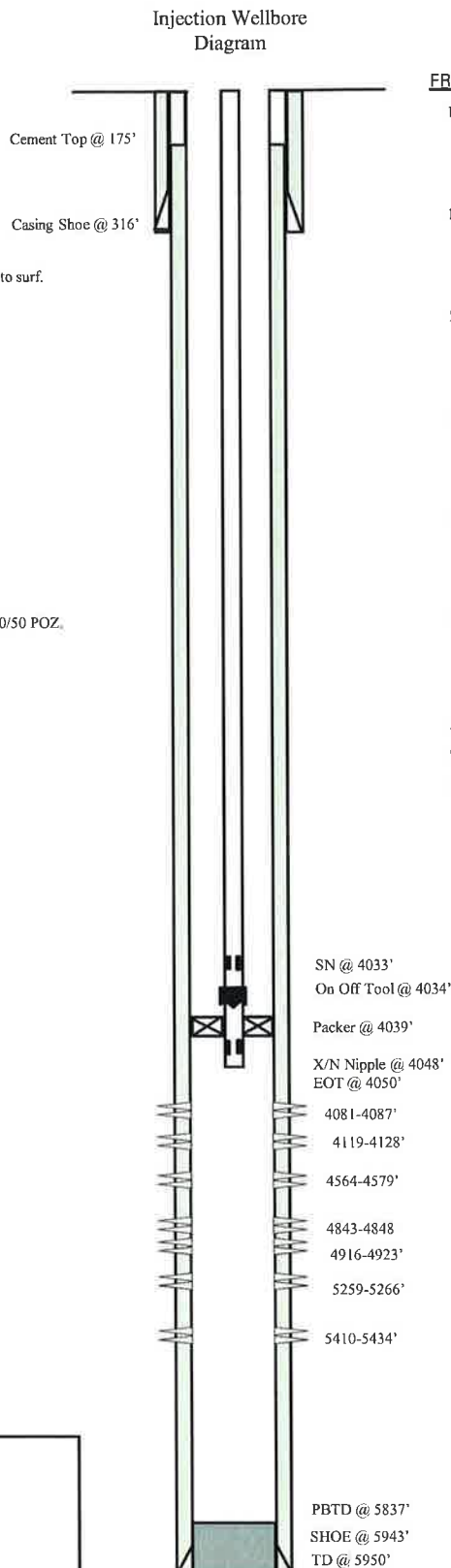
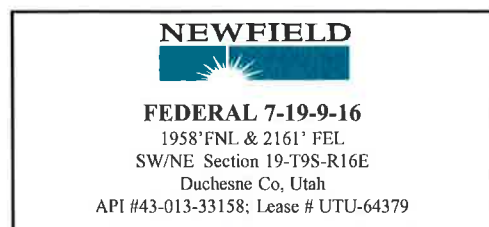
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4021')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4033' KB
 ON/OFF TOOL AT: 4034.1'
 ARROW #1 PACKER CE AT: 4039.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4043.5'
 TBG PUP 2-3/8 J-55 AT: 4044'
 X/N NIPPLE AT: 4048.2'
 TOTAL STRING LENGTH: EOT @ 4049.7'

FRAC JOB

11/19/07	5410-5434'	Frac LODC sands as follows: 109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal, Actual flush: 4906 gal.
11/28/07	5259-5266'	Frac LODC sands as follows: 39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal, Actual flush: 4759 gal.
11/28/07	4916-4923'	Frac A.5 sands as follows: 190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal, Actual flush: 4410 gal.
11/28/07	4843-4848'	Frac B1 sands as follows: 14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal, Actual flush: 4343 gal.
11/28/07	4564-4579'	Frac D1 sands as follows: 79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal, Actual flush: 4579 gal.
11/28/07	4081-4128'	Frac GB6 & GB4 sands as follows: 39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal, Actual flush: 3990 gal.
5/5/09		Pump Change. Updated r & t details.
01/20/14		Convert to Injection Well
01/21/14		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

10/11/07	4081-4128'	4 JSPF	188 holes
10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 7-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1958 FNL 2161 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331580000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/7/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 11:30 AM 02/07/2014.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 10, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/10/2014	